



Programme of Proceedings  
at the 48<sup>th</sup> Annual Convention  
OF THE  
International Association  
of Fire Engineers

Toronto  
July 26 to July 30  
1920



# The Convenience of Gas Service

## WHEN BUILDING

You want your home to be modern—to have all those many little conveniences that will make it a real home, and a source of constant pleasure to you and your family. By all means include a complete piping system for gas appliances, because this is the time when the work can be done cheapest and easiest.

## APPLIANCES

THE GAS RANGE —For year round cleanliness—keeps the kitchen cool and spotless—lightens labor.

HOT WATER —Assure yourself of a constant hot water supply—Storage System—Tank—Automatic.

THE INCINERATOR —Consumes the refuse from smelly garbage cans—means healthy homes.

LAUNDRY STOVES } IRONING MACHINES } —The greatest boon for Wash Day.

GAS FIRES —The Radianfire composed of special fire clay—radiating heat as the sun does to the earth. The most efficient fire—guaranteed odorless.

LIGHTING —Modern gas fixtures—very artistic designs. We guarantee no discoloration of fixtures, giving a powerful white light.

"Gas Light—the only light next to Daylight"

Special terms can be arranged

### SHOWROOMS

at the Head Office—19 Toronto Street, 2nd Floor

THE CONSUMERS' GAS CO.  
OF TORONTO

# PROGRAMME *of* PROCEEDINGS

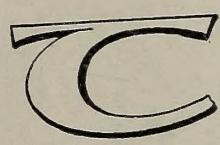
at the

## 48th ANNUAL CONVENTION

of the

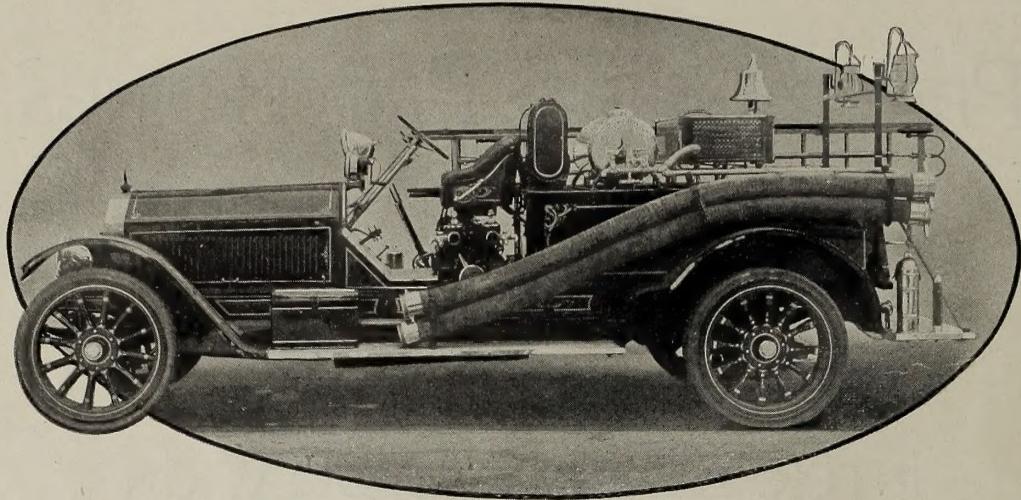
### INTERNATIONAL ASSOCIATION

#### *of FIRE ENGINEERS*

HE entire proceeds  
from advertising  
and other repre-  
sentation in this  
Souvenir Book have been utilized  
for entertaining the Visiting Fire  
Chiefs and Guests

TORONTO - CANADA

July 26th to July 30th, 1920



# SMOKE EATERS

Where there's smoke, there's fire—and where there's fire, you are sure to find American-La France Apparatus in the foreground.

When there is a hard run over rough streets, or a steep uphill pull, American-La France Motor Apparatus is sure to arrive first at the fire. Every part is built oversize to stand strain and the motor develops more than enough power in proportion to the weight carried to enable it to overcome every obstacle.

At the fire, no matter how long the job of pumping at capacity, American-La France Apparatus is at its best. This is proved by the many records which it has established.

## AMERICAN-LA FRANCE FIRE ENGINE COMPANY, INC.

ELMIRA, N. Y.

### BRANCHES

NEW YORK    BOSTON    WASHINGTON    ATLANTA  
DALLAS    LOS ANGELES    SAN FRANCISCO    PORTLAND  
PITTSBURG    CHICAGO    MINNEAPOLIS    DENVER

CANADIAN FACTORY: TORONTO, ONT.

## LOCAL COMMITTEES

---

### RECEPTION COMMITTEE

T. L. Church, Mayor, Chairman

Controller C. A. Maguire, Vice-Chairman

Controller Jos. Gibbons	Alderman F. R. Maxwell
" R. A. Cameron	" F. M. Johnston
" Jos. G. Ramsden	" Wm. Hiltz
	" C. A. Risk
Alderman R. Honeyford	" F. W. Johnston
" J. R. Beamish	" Mrs. C. Hamilton
" John Winnett	" A. R. Nesbitt
" A. W. Burgess	" C. E. Blackburn
" Jos. Singer	" J. Phinnemore
" J. A. Cowan	" Brook Sykes
" W. R. Plewman	" F. G. I. Whetter
" Geo. Birdsall	" F. M. Baker
" S. Ryding	" Wm. Miskelly
" Wm. Maher	" Donald C. McGregor

### GENERAL COMMITTEE

Wm. Russell, Fire Chief, Chairman

W. H. Alderson
G. E. Thomas
H. Jones
W. Musgraves
E. Minns
P. Christie
W. G. Webber
J. Summers

With the Compliments of  
The  
**Toronto General Trusts  
Corporation**

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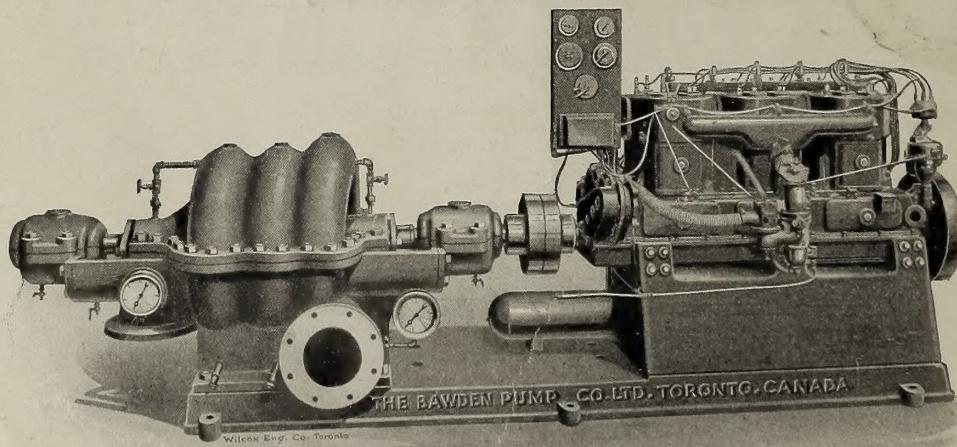
**HEAD OFFICE                    TORONTO**

Branches : Ottawa, Winnipeg, Saskatoon, Vancouver

Compliments of

**Bawden Machine Company, Limited**

**STERLING ROAD - TORONTO**



We Solicit Your Enquiries for Fire and Other General Service Pumps

# Officers and Directors of the International Association of Fire Engineers



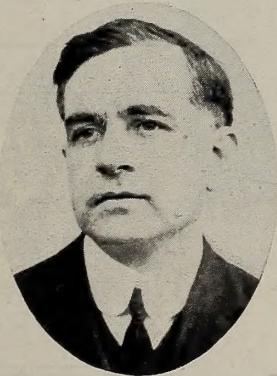
Chief HEALY  
Vice President, Denver, Colo.



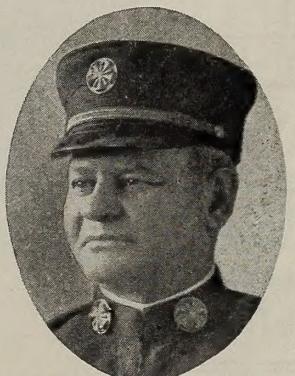
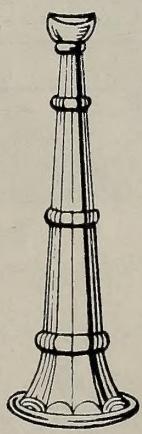
Chief KENLON  
President, New York City



Chief REYNOLDS  
2nd Vice President, Augusta, VA



Chief HOEY  
Actg Secretary, New York City



Chief CARTER  
Treasurer, Camden, N.J.



Chief BYWATER  
Director, Salt Lake City, Utah



Chief MAGEE  
Director, Dallas, Texas.



Chief ARMSTRONG  
Director, Kingston, Ontario

For that home-going gift to wife or daughter  
take something *characteristically Canadian*

**SERVICE, Robert W.**, is a Canadian, though his works  
are now world-famous, and liked by every red-blooded man  
and woman.

*Choose from*      SONGS OF A SOURDOUGH  
                          BALLADS OF A CHEECHAKO  
                          RHYMES OF A ROLLING STONE  
                          RHYMES OF A RED CROSS MAN

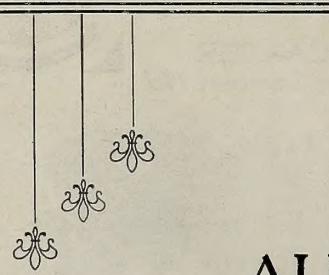
*Every Toronto Bookseller has these in various editions*

**THE RYERSON PRESS**

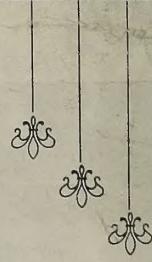
PUBLISHERS

TORONTO

A Cordial Welcome is  
Extended to the Visit-  
ing Fire Chiefs from---



Distributors of Paige and  
Hupmobile Passenger  
Cars and Paige Trucks



**AUTOMOBILE AND  
SUPPLY, LIMITED**

100 University Avenue  
TORONTO

# Chairman & Members of the Board of Control TORONTO for 1920



Controller  
Chas Alfred Maguire  
Vice Chairman



Mayor Thomas  
Langton Church K.C.  
Chairman



Controller  
Robt A. Cameron



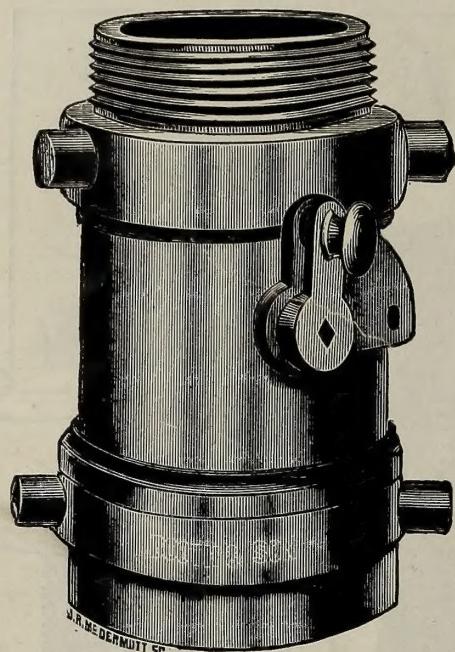
Controller  
Joseph George Ramsden



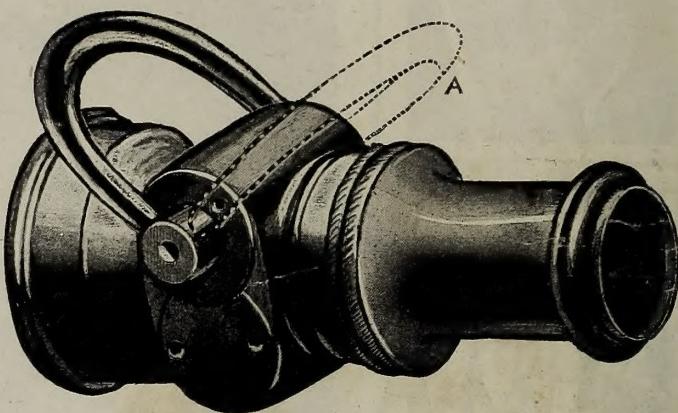
Controller  
Joseph Gibbons



# WILSON & COUSINS



HYDRANT SHUT-OFF



CALLAHAN NOZZLE

Manufacturers of all kinds of Fire Department Supplies

Hose Couplings - Underwriters Play Pipes  
Hose Branches and Nozzles - Controlling  
Nozzles - Shut-off Nozzles - Cellar Nozzles  
Hose Expanders - Fire Gongs - Hose Racks  
Hose Reels - Thread Gauges - - - - -

35 McCaul Street . . . . . Toronto

# Chief and Officers of Toronto Fire Department 1920



Compliments of

## ROUS & MANN Limited

---

172 Simcoe Street  
TORONTO

THE WORLD'S BEST HATS

## BORSALINO AND KING

LATEST SHAPES AND COLORS  
ASK YOUR DEALER

ANDERSON - MACBETH LIMITED  
DISTRIBUTORS TORONTO, CAN.

Compliments of

## The King Suspender and Neckwear Company

240 Richmond Street West  
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Telephones { Kenwood 1035  
Adelaide 1194

7 McCaul  
Street

## The Leslie Electric Co.

A.C. and D.C.  
Motor Repairing and General Contracting

## Robert Elder Carriage Works

Limited

Builders and Designers  
**Truck Bodies**

Compliments of

## Milton Pressed Brick Co. Limited

Manufacturers of

**HIGH GRADE BRICK**  
48 Adelaide Street West  
TORONTO

Head Office: Milton, Ont.

Phone Main 4925

Soho and Phoebe Sts.  
**T O R O N T O**  
ESTABLISHED 50 YEARS

# THE TORONTO FIRE DEPARTMENT

## IN THE YEAR OF TORONTO'S GREATEST DEVELOPMENT—1920



Headquarters, Toronto Fire Department

OUTSIDE of numerical strength, quarters and equipment, possibly the most valuable asset to a Fire Department is the confidence shown in it by its community.

The Toronto Fire Department is progressing in very close co-operation with the citizens of Toronto.

This is noticeable mostly in circles wherein Firemen are given the greatest amount of work; viz., in the industrial, retail and wholesale sections of the city.

The average business man in Toronto believes in his Fire Department, because he knows its officers are always striving to keep pace with the ever-growing need of greater protection, greater fire-preventive education, and closer co-action between Fire Department Officials and Business Men, especially during this the most vigorous business-building period in the history of the "Queen City."

There is an enthusiasm and pride that belongs to every man connected with this Department.

It is something that makes his work more than mere routine duty.

It cannot be measured in dollars and cents nor in favors or privileges.

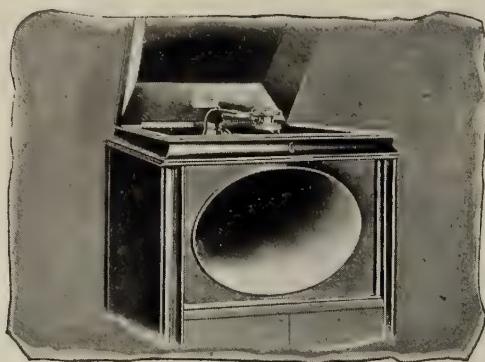
It keeps us mighty close to our job all the time.

It can be summed up in that one word, CONFIDENCE—the dependence placed in our ability to stand between our fellowmen and the Demon Fire.

The following data relates to the present organization and practices of the Toronto Fire Department, and is given for the sake of comparison and reference :

### Personnel

1	Chief
2	Deputy Chiefs
10	District Chiefs
45	Captains
45	Lieutenants
375	Firemen
1	Superintendent of Fire Alarm
1	Assistant Superintendent of Fire Alarm
4	Linemen
4	Telephone Operators
1	Superintendent of Engines
7	Engineers
8	Assistant Engineers
1	Motor Mechanic
3	Helpers
1	Secretary
1	Accountant
1	Storekeeper
1	Messenger
5	Fire Prevention Inspectors
1	Janitor
1	Stenographer



## Judge By The Tone— —that is the way to select a Phonograph

All makes of phonographs are not alike. Phonographs differ because of different methods of reproduction. Each make has its method. But time has brought many advancements. New-day phonographs bring all that is best.

The House of Brunswick has introduced several dominant betterments. First came The Ultona, our all-record reproducer. It brought a phonograph that would play all records at their best. Previously, each phonograph favored only its own make of records. That meant limitations or bothersome attachments to the records.

At a turn of the hand The Ultona presents the proper needle, the proper diaphragm, the exact weight. No makeshift attachments are necessary, no compromises in tone results. The Ultona brings out all the shadings of reproduction for transmittal to the amplifier.

Here, again is a new conception. We introduced an all-wood, moulded, oval amplifier, connecting directly with the tone arm, with no cast metal throat between. This brings full tones, non-metallic. It conforms with acoustic laws. It brings a new naturalness, greater reality. Our aim is for finest tone. So we ask you to hear The Brunswick first—before you decide. You'll recognize instantly its betterments. Your idea of tone will change. You will realize that great advancements have taken place. We suggest also that you hear Brunswick Records, which likewise bring improvements. You'll want to add some to your collection. Brunswick Records can be played on any phonograph with steel or fibre needles. We will be glad to play this super-instrument for you—so that you will know by comparison that it offers new delights.

**THE MUSICAL MERCHANDISE SALES CO**

TORONTO

MONTRÉAL

WINNIPEG

819 Yonge Street

Toronto



MADE IN CANADA

## 'Ever-Ready' Safety Razor

The Safety Razor with the Greatest Number of Users  
The basis of each 'Ever-Ready' razor is the 'Ever-Ready' frame and Radio blades, irrespective of whether it is the standard outfit or the more elaborate service combination. Greater price could not improve the efficiency of the 'Ever-Ready' safety razor. Complete \$1.50



Made in Canada

## 'Ever-Ready' Shaving Brushes

The 'Ever-Ready' is the nearest approach to indestructible shaving brush construction.

The least priced 'Ever-Ready' brushes are sterilized--are hygienically cleaned.

The 'Ever-Ready' brush is not alone a quality brush but it is a safe brush. The 'Ever-Ready' shaving brush is sold at popular prices--from 40c. to \$8.00.



**Ever-Ready Safety  
Razor Co., Limited**  
Britain and Sherbourne Streets  
TORONTO - CANADA

The total numerical strength of the Department is 522, in this city occupying an area of 32 square miles, and containing population of 500,000.

There are 29 Fire Stations, containing 54 pieces of Fire Apparatus in commission, 50% of which is gasoline-driven equipment.

This Department operates on the Two-Platoon System, which was inaugurated in 1918, the Day Shift working from 8.00 a.m. to 6.00 p.m., and the Night Shift from 6.00 p.m. to 8.00 a.m., changing every sixth day, with the Day Shift working 24 hours.

Legislation was passed this year allowing every Fireman one day off in seven, the Act becoming operative on January 1st, 1921.

This will mean the need of more men, at an estimated cost of about \$225,000

## SALARIES

1st and 2nd year Firemen.....	\$1,452.00 per annum
3rd      "      .....	1,572.00      "
4th      "      .....	1,692.00      "
5th      "      .....	1,812.00      "
Engineers.....	1,812.00      "
Assistant Engineers .....	1,752.00      "
Captains .....	2,052.00      "
Lieutenants .....	1,872.00      "

Each man is supplied with uniform clothing and rubber clothes, which for this year cost the city \$39,000.00. Annual vacation of 15 days is allowed with pay to each member. Full pay is granted while off duty owing to sickness or accident. In connection with the Department are two Relief Funds, namely the Firemen's Permanent Relief Fund, which was inaugurated in 1902 by the City and local merchants, to provide for the dependents of any fireman killed in discharge of his duties. At the present time there are only eight



Cowan Avenue Fire Station

beneficiaries. The original amount of the Fund amounted to \$54,000.00. It is now \$68,000.00. We also have what is called the Toronto Fire Department Superannuation and Benefit Fund. All active members are admitted to this Fund by paying 9½ per cent. on a fixed assessment, according to rank. In so doing they receive certain benefits, allowance or pension as the case may be. The schedule may be of some interest. It is allowed on retirement after 30 years continuous service:—

Chief.....	\$1,500.00 per annum
Deputy Chief	1,200.00      "
District Chief	1,000.00      "
Captains ....	725.00      "
Lieutenant ..	650.00      "
Firemen ....	625.00      "

The cost of operating the Department for 1919 amounted to \$799,700.00, exclusive of the charge for water, which cost the Department \$712,756.00. The total sum expenditure was \$1,591,873.00.

## FIRE LOSSES

During the year 1919, service was rendered at 2,536 fires, the adjusted loss being \$1,522,856.00 or per capita \$3.52.

## FIRE PREVENTION

Vigorous work is at all times carried on in this branch. Last year some 24,000 inspections were made. Five inspectors are constantly out and particular attention is paid to the mercantile section of the city. The inspectors are experienced fire fighters, specially qualified for this work. In addition to the work of the Fire Prevention Staff, the firemen on actual duty are also given some of this work to perform.

The Department has at its disposal a high pressure system for protecting the wholesale district. A pressure of 300 pounds can be supplied for fire fighting.



Berkeley Street Fire Station



Perth Avenue Fire Station

Compliments of  
**National Drug & Chemical Co.**  
LIMITED

240 Richmond Street West  
Toronto

Compliments of  
**PERCY A. McBRIDE**

And when you want Sporting Goods and Bicycles our 343 and 345 Yonge Street Store is the place to buy these goods --- then at 406 and 408 Yonge Street for Bicycles, Motorcycles, Motorcycle Accessories, Repairing

Our Western Canada Store is at 298 Main Street, Winnipeg, Manitoba

AN INVITATION  
*is cordially extended to the*  
**VISITING FIRE CHIEFS**  
*to come to*  
**SAUNDER'S**

**BOWLING**  
— AND —  
**BILLIARD**  
**ACADEMY**

**YONGE AND TEMPERANCE**  
Entrance at 9 Temperance Street

# FREEDOM FROM INVESTMENT WORRIES

The unsurpassed security afforded by Bonds of the Dominion of Canada and her Provinces, and by the Bonds of all well-chosen Municipalities, together with their ready marketability, collateral value and good income return, make them among the most highly regarded securities—undoubtedly the best for those desiring sure returns and freedom from investment worry.

Bring us your investment questions. We may be able to assist you.

**A. E. AMES & CO.**

Investment  
Securities

UNION BANK BLDG. - TORONTO  
74 BROADWAY - NEW YORK

TRANSPORTATION BLDG. - MONTREAL  
BELMONT HOUSE - VICTORIA  
HARRIS TRUST BLDG. - CHICAGO

Established  
1889

## PROGRAMME *for* MONDAY, JULY 26th, 1920

8 A.M. to 11 A.M.  
REGISTRATION OF DELEGATES  
11 A.M., Invocation by  
REV. H. J. CODY, D.D., LL.D.  
Address of Welcome  
HIS WORSHIP THOMAS L. CHURCH, K.C.  
Mayor, City of Toronto  
Response  
CHIEF A. A. ROZETTA  
Memorial Service  
Speaker, PETER E. WALSH  
Chief Fire Department, Boston, Mass.  
2.30 P.M.—BUSINESS SESSION No. 1  
8.00 P.M.—BUSINESS SESSION No. 2  
8.30 P.M.—BAND CONCERT

Arrangements have been made to furnish Luncheon and Dinner, for the convenience of the Convention, on the grounds

Visiting Fire Chiefs! We extend to you a Hearty Welcome to our Store  
Bingham's Ltd., 146 Yonge Street

Add to the pleasure of your Visit  
by eating Pure Food at

McConkey's Dairy Lunch

111 Bay Street and 33 Queen Street West  
TORONTO

We are ready to supply  
the Visiting Fire Chiefs  
with Good Food,  
well cooked,  
at moderate prices,  
any time day or night

**YOUNG'S LUNCH**  
177-179 Yonge Street  
Toronto

Compliments of  
**The Dominion Chocolate Co.**  
LIMITED

Successors to Hooton Chocolate Co., Limited

60 Duchess Street - Toronto

Cleans Dirt and Grease 100% Faster Than Soap

# MARVELLO

WONDER CLEANER AND CLEANSER  
CLEANS EVERYTHING INSTANTLY

GUARANTEED HARMLESS

ESPECIALLY SUITABLE FOR

CLEANING IN FIRE HALLS

MADE IN CANADA

**Universal Sales Company, Limited**

Office and Factory: 22 Mark Street, Toronto

MAIN 7718

THE ABOVE CLEANSER USED BY THE TORONTO FIRE DEPARTMENT

Welcome Fire Fighters  
to Toronto

## Sheffield Lunch, Limited

Cor. Yonge and Adelaide Streets

Good Food, Well Cooked and Quickly Served

We invite the  
Visiting Fire Chiefs  
to come for a  
Comfortable Meal at

## Knapp's Restaurant

143 Front Street West  
One door East of Union Station  
TORONTO

"We will give you good service  
and treat you well"

## PROGRAMME

*for*

TUESDAY, JULY 27th, 1920

9.00 A.M.

BUSINESS SESSION No. 3

2.00 P.M.

TESTS OF AUTOMOBILE PUMPING ENGINES  
Exhibition Park

2.15 P.M.

BAND CONCERT

8.00 P.M.

INSPECTION OF EXHIBITS  
Transportation Building

8.15 P.M.

BAND CONCERT BY MINNEAPOLIS FIRE  
DEPARTMENT BAND  
Compliments of Fire Chief Ringer

Arrangements have been made to furnish Luncheon and Dinner, for the convenience of the Convention, on the grounds

A Meal in our Glad-Room is sure to bring Pleasant Memories of this Convention  
Bingham's Ltd., 146 Yonge Street

Compliments of

Oppenheimer Casing Co.  
of Canada, Limited

109 George Street

TORONTO

COMPLIMENTS OF

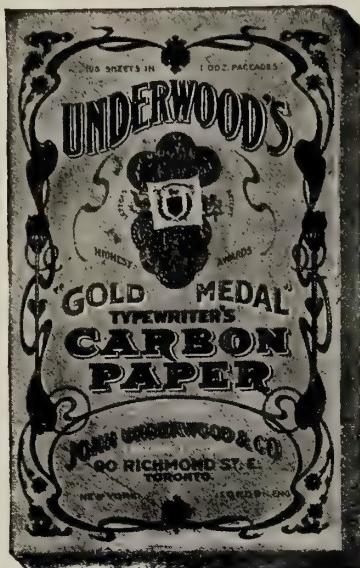
## A. Clubb & Sons, Limited

Wholesale and Retail Tobacconists

Head Store and Offices : 10 Wellington Street East

Branches at Royal Bank Building ; 472 Spadina Avenue ;  
6 Danforth Avenue ; 445 Yonge Street, Cor. King and  
Church Streets ; 62 Yonge Street ; 95 Bay Street, Toronto

## GREETINGS TO THE FIRE CHIEFS



"Gold Medal"  
Carbons and Ribbons

We have studied and investigated every variety of machine and type-writing requirement and present "GOLD MEDAL" Carbon and Ribbons as most suited to successfully and economically produce efficient results.

### John Underwood & Company

*Manufacturers of Writing Inks  
Typewriter Carbons and Ribbons*

90 Richmond Street East  
New York      TORONTO      London, Eng

GREETINGS  
TO THE

Visiting Fire Chiefs  
and Their Associates

FROM

Red Rose Tea Co.

18 Front Street East  
Toronto



**H. P. ECKARDT & CO.**

WHOLESALE GROCERS

CHURCH STREET & ESPLANADE

TORONTO

CANADIAN GOVERNMENT

and

MUNICIPAL BONDS

Wood, Gundy & Company  
C.P.R. BUILDING

TORONTO  
MONTREAL

SASKATOON  
NEW YORK

**JOHN STARK & CO.**

Financial Brokers

504 ROYAL BANK BUILDING, TORONTO  
INSURANCE DEPARTMENT

FIRE ACCIDENT AND HEALTH  
FIDELITY AND GUARANTY BONDS  
AUTOMOBILE:— Fire, Theft and Transportation  
Liability, Property Damage and Collision  
Special Fire Insurance Agents for

THE SCOTTISH UNION AND NATIONAL  
INSURANCE CO. — Edinburgh, Scotland

## PROGRAMME

for

WEDNESDAY, JULY 28th, 1920

9.00 A.M.

BUSINESS SESSION No. 4

2.00 P.M.

BUSINESS SESSION No. 5

8.00 P.M.

BUSINESS SESSION No. 5

(Continued)

9.00 P.M.

COMMUNITY DANCE

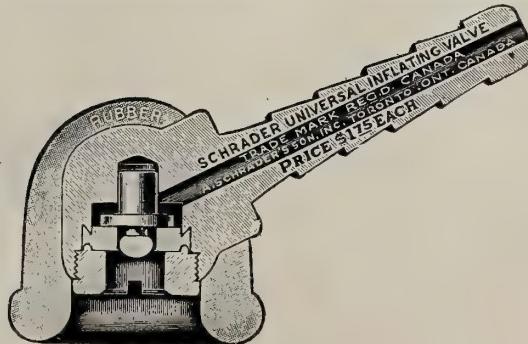
Exhibition Park

Arrangements have been made to furnish Luncheon and Dinner, for the convenience of the Convention, on the grounds

The Folks at Home will sure appreciate a Box of Polly Anna Chocolates from the Home of Better Candies  
Bingham's Ltd., 146 Yonge Street



Schrader Universal  
No. 1561 Tire Pressure Gauge



Schrader Universal  
No. 2869 Angle Inflating Valve

**A. SCHRADEER'S SON, Inc.**

334 KING STREET EAST, TORONTO, CANADA

NEW YORK

CHICAGO

LONDON, ENG.

COMPLIMENTS  
OF  
**Caulfeild, Burns & Gibson**  
Limited  
Wholesale Men's  
Furnishings



60-62 Front Street West  
Toronto

Compliments of  
**THE CECILIAN  
COMPANY**  
Limited

Sales Rooms, 247 Yonge Street  
Office and Factory, 91 Niagara Street  
Toronto

Compliments of  
**Channell Chemical Company**  
Limited

**O-Cedar**  
Polish

369 Sorauren Avenue - - - - - Toronto

## Opportunity will knock at your door

To take advantage of opportunity you must have Capital. Capital is simply small savings added together. The quickest and surest way of saving is by using our Savings Investment System.

We have a little folder describing the System fully. Be sure and write for it.

## Bankers Bond Co. Limited

INVESTMENT SECURITIES

60 King Street West, Toronto

# Canada Permanent Mortgage Corporation

TORONTO STREET

TORONTO

Established 1855

President.....	W. G. GOODERHAM
Vice-President.....	R. S. HUDSON
Joint General Managers.....	R. S. HUDSON, JOHN MASSEY
Assistant General Manager.....	GEORGE H. SMITH

Paid-up Capital.....	\$ 6,000,000.00
Reserve Fund (earned).....	5,750,000.00
Unappropriated Profits.....	150,493.28

Capital and Surplus.....	\$11,900,493.28
Investments.....	\$33,054,238.02

DEPOSITS RECEIVED

DEBENTURES ISSUED

## PROGRAMME

*for*

THURSDAY, JULY 29th, 1920

9.00 A.M.

BUSINESS SESSION No. 6

AFTERNOON AND EVENING

## SPECIAL PROGRAMME

Provided for the entertainment of  
Delegates and Visitors by

THE TORONTO FIRE DEPARTMENT

Arrangements have been made to furnish Luncheon and Dinner, for the convenience of the Convention, on the grounds

For Luncheon, Dinner, or Afternoon Tea—You'd be Surprised  
Bingham's Ltd., 146 Yonge Street

Compliments of

MASON & RISCH  
LIMITED

HEAD OFFICE AND  
FACTORIES AT  
TORONTO

SEE STEWART MANOR

Choice homesites in a restricted  
property at reasonable prices

Cox and Cummings, Limited  
*Sole Agents*



*"The Mark of Fine Merchandise"*

WILLIAM HOLLINS & CO., Limited

*The Manufacturers of*

**"VIYELLA" AND "CLYDELLA"**

(Reg'd)

(Reg'd)

**UNSHRINKABLE FLANNELS**

*AS FAVORED BY FIRE FIGHTERS ALL THE WORLD OVER*

**EXTEND HEARTY GREETINGS TO ALL  
THE VISITORS AT THIS CONFERENCE**

62 FRONT STREET WEST  
TORONTO

AND AT LONDON, ENG., MELBOURNE, ETC.

45 EAST 17th STREET  
NEW YORK

Compliments of

**Canadian Johns-Manville Co., Limited**

Manufacturers of Asbestos Roofings  
and All Other Asbestos Products

---

Montreal    Toronto    Winnipeg    Vancouver  
Hamilton    London    Windsor    Ottawa

---

Mines at Asbestos, Quebec

# BODLEY'S

FRUIT CAKE AND  
FANCY BISCUITS

At All Grocers

ABSOLUTELY THE BEST CLOTHS SOLD IN CANADA

## VICKERMAN'S SERGES

WEAR WELL NEVER FADE

Black, Blue, Gray. Smooth or Rough Finish  
All Colors Guaranteed



*This name on every three yards*

NISBET & AULD, Limited  
TORONTO

SOLE WHOLESALE DISTRIBUTORS IN CANADA

## PROGRAMME

*for*

FRIDAY, JULY 30th, 1920

9.00 A.M.

REGULAR BUSINESS

2.00 P.M.

REGULAR BUSINESS

*(Continued)*

Arrangements have been made to furnish Luncheon and Dinner, for the convenience of the Convention, on the grounds

Polly Anna Chocolates—a Box of Gladness—from the Home of Better Candies  
Bingham's Ltd., 146 Yonge Street

COMPLIMENTS OF

CUTTEN & FOSTER

302 Church Street

TORONTO

AUTO TOPS \* BOAT TOPS

AUTO ACCESSORIES

GREETINGS

TO THE

Visiting Fire Chiefs

FROM

EBY-BLAIN, LIMITED

21 FRONT STREET EAST

TORONTO



*A battery of "Fire-Wall" Steel Verticals. The only filing cabinets that provide real protection for their contents.*

*The Safety Drawer Latch, fitted on every drawer, is an ever-watchful guardian against accidental opening. Drawer cannot be opened unless Safety Latch drawer opening if cabinet is tipped forward.*

## Reducing the Fire Risks in Office Building

When a blaze gets a good start in an office building it's a hard job to smother it before the building is gutted. Even in the case of that misnomer of modern architecture—the fireproof building—it means a stiff fight, while an "old-timer" sure is a tough proposition. The very nature of the fittings of an office building—the copious wood trimmings and the numerous partitions between offices, the wooden desks and office equipment, the accumulated files of correspondence and the large stacks of stationery supplies—all these are excellent fuel for the hungry fire fiend. Little wonder, then, that you are constantly cautioning the owners and tenants of office buildings against unnecessary fire risks.

## "Fire-Wall" Steel Filing Cabinets

have been installed in innumerable offices because of the imperative need for protecting valuable business records from possible destruction by fire. Frequently these installations have resulted from the recommendation of the Fire Department's Inspector of Buildings, although his suggestions are usually made with an eye to the reduction of the fire risks, rather

than from a consideration of record protection. The strong, durable, fire-resisting construction of Fire-Wall Verticals—rigid double walls of steel insulated with asbestos and dead-air channels—these features commend them to the veteran fire-fighter. He knows that their contents will be protected in case of fire and will not serve as added fuel to the flames.

## "Office Specialty" Record Safe

The scientific construction of the "Office Specialty" Record Safe (see diagram illustration) gives it the greatest heat resisting powers that engineering skill has been able to build into a movable safe. Experience has proved that a safe of this construction will go through an exceptionally severe fire unscathed.

### Come and See Them Demonstrated

"Fire-Wall" Verticals and the Record Safe are on exhibition at our Toronto Branch Store, 97 Wellington St. West. You are cordially invited to visit our Branch and inspect this modern fire-resisting filing equipment.

### THE OFFICE SPECIALTY MFG. CO., LIMITED

Home Office

NEWMARKET

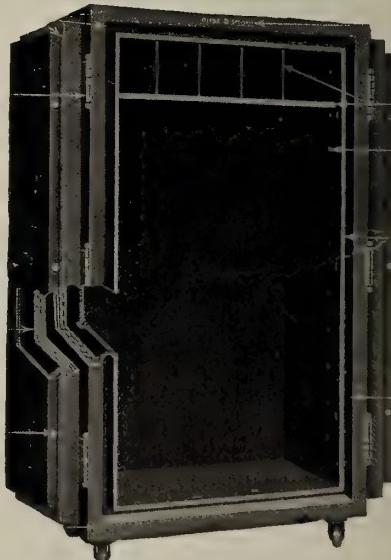
Canada

Filing Equipment Stores at:

Toronto	Montreal	Ottawa	Halifax	Hamilton	Winnipeg
Regina		Calgary	Edmonton	Vancouver	

Manufactured in the United States by Yawman and Erbe Mfg. Co., Rochester, N.Y.

**OFFICE SPECIALTY**  
**FILING SYSTEMS**



*Record Safe has extra heavy doors that interlock with frame flange and seal safe when closed. All walls built of heavy steel plates, erected double, insulated with corrugated and plain asbestos and exceptionally wide dead-air chambers.*

# TOPICS OF DISCUSSION

## **1. Organization and Supervision**

Chief John F. Healy,  
Denver, Colorado,  
Chairman

## **2. Organization and Strength of Companies**

Chief William H. Murphy,  
Philadelphia, Penn.,  
Chairman

## **3. Fire Department Engineering**—to include

Apparatus and Minor Equipment;  
Chief Howard Stanton,  
Norwich, Connecticut,  
Chairman

## **4. Drill Schools, Drills and Training**

Chief John C. Moran,  
Hartford, Connecticut,  
Chairman

## **5. Discussion of Fire Manual**

Deputy Chief Thomas F. Dougherty,  
New York, N.Y.,  
Chairman

## **6. Building Inspection by Uniformed Members of Fire Departments**

Captain John J. Conway,  
Cincinnati, Ohio,  
Chairman

## **7. Membership**

Chief Hugo R. Delfs,  
Lansing, Michigan,  
Chairman

## **8. Location, Design and Construction of Apparatus Houses**

Chief Frank G. Reynolds,  
Augusta, Georgia,  
Chairman

## **9. Rules, Regulations and Discipline**

Chief Charles W. Ringer,  
Minneapolis, Minnesota,  
Chairman

## **10. Water Supply; High Pressure System Operation of High Pressure Streams**

Chief August Emrich,  
Baltimore, Maryland,  
Chairman



TO THE MEMBERS OF THE  
INTERNATIONAL ASSOCIATION  
OF FIRE CHIEFS:

The Government of Ontario, through the Fire Marshal of the Province, bids you "welcome" to its boundaries for your Annual Convention.

The fire fighting forces of the entire Continent have been closely linked together because so many officers and men of Fire Brigades have sacrificed their lives in the recent world's war and which brought out that efficiency and heroism which has been characteristic of their conduct in their daily avocations.

With replenished forces and undiminished energy the fight is now to be renewed on the "fire demon" and your deliberations will not only be watched with interest but with a certainty that your plans and purposes will secure hearty co-operation from a grateful public.

E. P. HEATON,  
Fire Marshal

153 University Avenue  
Toronto

GEO. F. LEWIS,  
Deputy Fire Marshal



With increasing adaptability and concentrated effort, the Fire Fighting Forces of the Continent are directing their enormous power and influence in the direction of "Fire Prevention." No more potent influence can be exerted in this very necessary feature than can be done and is being done, by organized fire brigades. The only ray of hope in a dismal situation is coming from the enlightened action of those who while primarily employed to put fires out, are devoting themselves largely to the task of preventing fires from starting. Herein lies the hope of the future.

E. P. HEATON,  
Fire Marshal.

Toronto, June 1st, 1920.

Take home with you  
a  
**SOUVENIR**

### Sheffield Stainless Steel Cutlery

in DESSERT AND TABLE KNIVES, makes a valuable gift

A SELECTION OF

Jos. Rodgers & Sons and I.X.L.  
Penknives and Pocket Knives  
Always in stock

Silverware and other Useful Household Novelties

Everything in Hardware

**RICE LEWIS & SON**  
LIMITED

Established 1847 19 VICTORIA STREET Phone M. 4040

Compliments of

**Andrew Wilson & Co.**  
Limited

WHOLESALE TOBACCONISTS  
and  
CIGAR MANUFACTURERS

10 Front Street West  
Toronto

### **Consumers' Gasoline Supply Company, Limited**

Extend a Hearty  
Welcome to the  
Fire Fighters

EIGHT FIREPROOF SERVICE STATIONS IN TORONTO

*You are cordially invited  
to inspect our premises*

Head Office :  
542 ST. CLAIR AVENUE WEST  
*"You will know us by the name"*

Compliments of

**Tower Canadian**  
Limited

1149 KING STREET WEST  
TORONTO

# FACTS AND FIGURES ABOUT TORONTO

## Some of the Reasons for the "Queen City's" World-Wide Notoriety

A city of homes.  
Capital of Ontario.  
Situated on the north shore of Lake Ontario.  
40 miles due north of Niagara Falls.  
Population over 500,000.  
Assessment, \$642,816,690.

Tax rate (1919), 28½ mills.  
Death rate, 11.4 per 1,000.  
30 miles from the nearest United States point.  
100 miles from Buffalo.  
502 miles from Chicago.  
546 miles from New York.  
334 miles from Montreal, Quebec.  
817 miles from St. John, N.B.  
1,091 miles from Halifax, N.S.  
1,236 miles from Winnipeg, Man.  
2,073 miles from Calgary, Alberta.  
2,720 miles from Vancouver, B.C.

A one-night ride from any of the centres of population in Central Canada or the Central and Eastern States.

Clearing House returns, \$4,251,644,303.  
Telephones, 83,500.  
Customs House returns, \$37,812,519.  
Inland Revenue Collections, \$3,763,216.  
Value of buildings erected, \$19,819,436.  
Number of manufacturing establishments, 2,500.  
Capital invested, \$259,660,000.  
Number of employees, 98,000.  
Annual salaries and wages, \$63,460,000.  
Annual Value of Products, \$288,460,000.

Home of the largest departmental store in the world—  
T. Eaton Co.

Has a 10-mile water-front.

Toronto Harbor Commission spending \$25,000,000 to develop harbor.

Owns its own electric power and lighting plant (Toronto Hydro-Electric System).

Union Station (nearly completed), one of the finest railway stations in the world.

Owns 11 miles of street railway.

City will take over Toronto Street Railway in 1921.

63-mile boulevard under consideration, about 30 miles completed, and total cost estimated to be about \$7,000,000.

Largest public recreation ground in the world (Toronto Island).

There are 60 parks, having an area of 1,837.48 acres.

Home of the Royal Canadian Yacht Club, largest fresh water yacht club in the world.

There are 300 churches in Toronto.

Regatta course, along water-front, is 10 miles long.

Hub of education in Canada.

Toronto University with affiliated colleges, is second to none on the continent.

There are 95 public schools, 10 high schools or collegiates, and the Technical and Commercial High Schools are the largest and most efficient in the Dominion.

There are 31 separate schools.

Toronto Board of Trade has more than 2,000 members, and is the largest institution of its kind in the British Empire.

Five daily newspapers—two evening, three morning.

Toronto is lighted at night by 45,000 Hydro-Electric lights.

The Mayor receives \$7,500.

65,000 men enlisted voluntarily for overseas service.

City's war expenditure amounts to more than \$12,000,000. Citizens subscribed more than \$8,500,000 to the Patriotic Fund, and more than \$3,000,000 to the Red Cross.



**TORONTO CITY HALL**

One of the finest specimens of architecture in the British Empire.

## For Protection or Investment --- Buy Excelsior Policies



THE EXCELSIOR LIFE  
INSURANCE COMPANY  
EXCELSIOR LIFE BUILDING, TORONTO

# REO

## Fighting Fires and Combating Insurance Rates

By installing a REO "Speed-Wagon" Fire Apparatus, the town of East Lansing, Michigan, raised itself a year ago from a Sixth to Fifth Class Fire Risk, and although this equipment has answered less than a dozen alarms, it has more than earned its purchase price by saving the citizens 20% on insurance rates.

It is the first five minutes after the fire has been discovered that determines the fate of the building, and speed being the essence of efficiency, motor fire apparatus has two functions, namely, to fight the fire, and, through its efficiency, to combat high insurance rates.

Full information gladly furnished by

**Reo Motor Sales Co.**  
of Toronto, Limited  
593-5 Yonge Street, Toronto

Compliments of

**Roger Miller & Sons, Limited**  
Contractors

Head Offices : Lumsden Building

Harbor Office :  
Harbor Commission Building

Island Office :  
Hanlan's Point

Works Office :  
Foot of Spadina Avenue

Turning Basin :  
Ashbridge's Bay

## Facts and Figures About Toronto (Continued)

126,390 citizens subscribed \$76,256,315 to the 1917 Victory Loan.

204,000 citizens subscribed \$147,000,000 to the 1918 Victory Loan.

\$146,000,000 was subscribed to 1919 Victory Loan.

There are 91 standard hotels in Toronto.

The leading hotels are:

King Edward, capacity, 700; Queen's, capacity, 400; Walker House, capacity, 450; Carls-Rite, capacity, 400; Prince George, capacity, 200.

Automobile centre of Canada.

Mecca of trade and commerce.

Wholesale jobbing centre of Canada.

Second largest city in the Dominion.

Legal and judicial centre of the Province.

Has the finest temperate uniform climate in Canada.

Toronto is the Mecca of tourists, being the centre of embarkation for all the finest summer resorts in Canada.

Muskoka, the Gem of Lakes, is only three and one-half hours' ride from Toronto, and is unsurpassed for its scenic beauty.

The Lake of Bays in the Highlands of Ontario is a real haven for a summer's rest.

The city is governed by a Board of Control, composed of the Mayor and four Controllers, all of whom are elected annually; they are assisted by a Council of twenty-four Aldermen, from the eight wards in the City, also elected annually.

City property is valued at over \$20,000,000.

The City Hall is estimated to be worth \$2,500,000.

The site of the city covers 32 square miles.

The first electric cars appeared in Toronto in 1894.

Toronto was founded as a French trading post in 1749.

Toronto's Exhibition Grounds cover an area of 264 acres.

Toronto is the second largest city in Canada.

The principal clubs in Toronto are the York, Toronto, National, Albany and Ontario.

The average increase for the five years previous to the war in Toronto's population has been 25,000.

One of the largest organs in the world is in Toronto. It is in St. Paul's Anglican Church.

Toronto is lighted at night by its own Hydro-Electric system, which is to be largely added to.

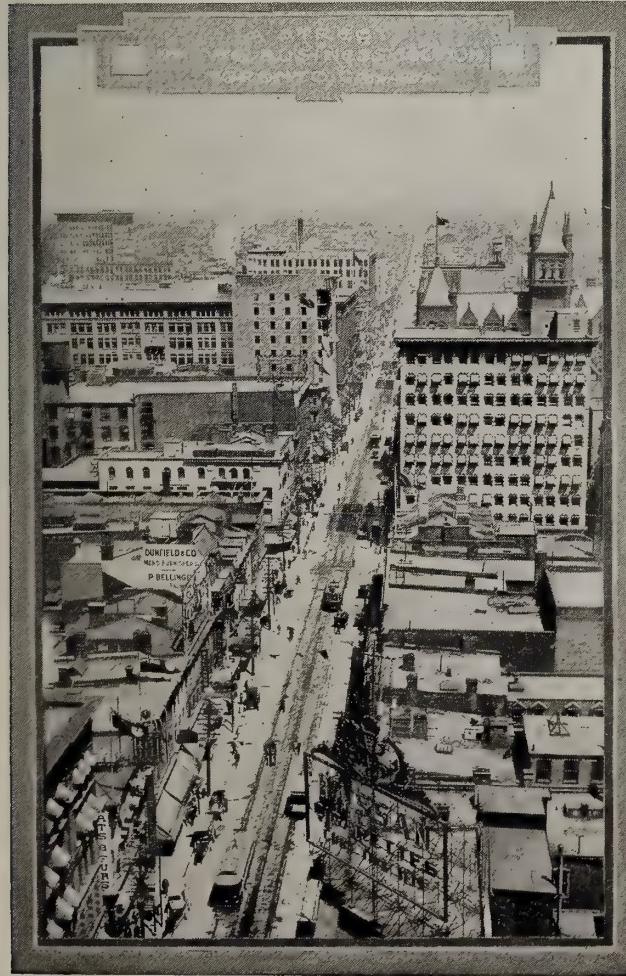
Toronto has 540.70 miles of sewers and a practically completed trunk sewer, costing \$2,500,000.

Toronto has nine public hospitals for the care of the sick. Altogether, there are 65 hospitals, asylums and public homes.

There are five daily newspapers in Toronto, 50 weekly papers, 20 semi-monthly, 76 monthly, 8 quarterly, and one directory company.

The City Hall has a floor space of 5½ acres, is valued at \$2,500,000, has a clock with a diameter of 20 feet, which is 300 feet from the sidewalk.

Each year there is the largest Exhibition on the continent held in Toronto. In 1919, 1,201,000 people attended this Exhibition.



Toronto's skyline is ever changing; never more so than at this the most phenomenal business-building era in the city's history

Royal Bank Building  
King and Yonge Streets  
Toronto  
The highest Office Building  
in the British Empire



Compliments of

**UNITED DRUG CO.**  
LIMITED

Manufacturers of

**REXALL REMEDIES**

**JONTEEL TOILET  
PREPARATIONS**

**KLENZO TOOTH PASTE**

and

**LIGGETT'S CHOCOLATES**

# GREETINGS!

from the following Toronto Firms and Individuals to each and every one of the Delegates to the Convention of the International Association of Fire Engineers of the World.

The "Queen City" is proud of the honor conferred upon her in your choice of this the Industrial Hub of Canada for your 48th Annual Convention, and here's that all of you may enjoy your visit so much that a "Memory Will Linger."

## WE RELY ON OUR FIRE DEPARTMENT TO GIVE YOU A REGAL RECEPTION AND TREAT YOU WELL

Aberdeen Flower Shop.	Bury, Robert, & Co. (Canada), Limited.
Acme Cloak & Suit Co., Limited.	Cafeterias, Limited.
Acton Tool & Stamping Works.	Cameron & Company.
Adams Manufacturing Co., Limited, The	Canada Furniture Manufacturers, Limited.
Aked & Company, Limited.	Canada Paper Co., Limited.
Aluminum Specialty Co. of Canada.	Canada Showcase Company.
Alexander & Cable Lithographing Co. of Toronto, Limited.	Canada Via Vi Co., Limited.
American Banknote Company.	Canadian Ammonia Co., Limited.
American Hat Frame Manufacturing Company.	Canadian Carbonate Co., Limited.
American Radiator Co. of Canada, Limited.	Canadian Hanson & Van Winkle Co., Limited.
Anthracite Briquette Company, The	Canadian H. W. Gossard Co., Limited, The
Applegath, Jess.	Canadian Laboratory Supplies, Limited.
Archibald & Holmes, Limited.	Canadian Laundry Machinery Co., Limited, The.
Armstrong Tea Importing Company.	Canadian Link-Belt Co., Limited.
Aromint Manufacturing Co., Limited.	Canadian Raincoat Company.
Ash, H. J.	Canadian Sales Check Book Co., Limited.
Atwell, J. & Sons.	Canadian Shredded Wheat Co., Limited, The.
Automatic Paper Box Co., Limited.	Canadian Wood Products, Limited.
Automotive Equipment, Limited.	Canadian Wool Co., Limited, The.
Auto-Strop Safety Razor Co., Limited.	Cannon Canadian Co., Limited.
Aziz, J. & A.	Caribonum Company, Limited.
Badger, Arthur H.	Carlaw, John A.
Baines & David, Limited.	Carnahan's Drug Stores.
Baldwins' Canadian Steel Corporation, Limited.	Carswell Construction Company.
Baltimore Lunch.	Carter, E. T., & Company.
Barber-Ellis, Limited.	Central Tire Service Company.
Bauer & Black, Limited.	Chapman Double Ball Bearing Co. of Canada, Limited, The.
Beal Bros., Limited.	Charcoal Supply Company.
Beardmore & Company.	Children's Wear, Limited.
Beare, S. B., Limited.	Clark Pressed Metals, Limited.
Beasley, William, Company.	Clarke Brothers.
Belle Ewart Ice Company.	Clarkson, E. R. C., & Sons.
Benjamin Electric Mfg. Co. of Canada, Limited.	Claxton, Thomas, Limited.
Benson Johnston, Limited.	Clements Manufacturing Co., Limited.
Best, T. H., Printing Company.	Clemes Brothers.
Binnie, A. W., & Company.	Coady Brothers.
Bilton Bros., Limited.	Collett Sproule, Limited.
Blatchford Calf Meal Co. of Canada, Limited.	Collins Manufacturing Company, The.
Blatchford, Davies & Co., Limited.	Commercial Printing Company, The.
Bolte, Auguste.	Consolidated Optical Co., Limited.
Bongard, Ryerson & Company.	Consolidated Plate Glass Co. of Canada, Limited, The.
Booth-Coulter Copper & Brass Company.	Consolidated Wafer Co., Limited.
Borden-Canadian Company..	Constructing & Paving Co., Limited.
Borgfeldt, Geo., & Co., Limited.	Consumers' Wholesale Tobacconists and Importers.
Bowes Company, Limited, The.	Cook, Thomas, & Son.
Bowser, S. F., Co., Limited.	Cooper Cap Company.
Bradshaw, A., & Son, Limited.	Copeland-Chatterson, Limited.
Briar Farm Dairy Limited.	Corrugated Paper Box Co., Limited, The.
British-American Oil Co., Limited, The.	Counter Costume Co., Limited.
British American Wax Paper Co., Limited, The.	Crean, Robert, & Co., Limited.
Broadway Garage Auto Livery.	Crippen, E. A.
Brodey, Draimin & Company.	Culver, F. L.
Brophy Umbrella Co., Limited, The.	Dale Furniture Co., Limited, The.
Builders' Moulding Co., Limited, The.	Darling, Robert, & Company.
Bulmers' (Restaurant), Limited.	Davidson, Thomas, Mfg. Co., Limited.
Burger Manufacturing Company.	Davis & Henderson, Limited.
Burry Brothers.	Debenhams (Canada), Limited.

## GREETINGS--Continued

- Dental Company of Canada, Limited.  
 Denton, Mitchell & Duncan, Limited.  
 Diana Sweets, Limited.  
 Doherty Mfg. Co., Limited, The.  
 Dominion Cloak Company, The.  
 Dominion Envelope & Carton Co., Limited.  
 Dominion Ostrich Feather Co., Limited.  
 Dominion Paper Box Co., Limited.  
 Dominion Toy Manufacturing Co., Limited.  
 Dominion Waterproof Company.  
 Dominion Wheel & Foundries, Limited.  
 Dominion Wool Stock Mills, Limited.  
 Don Valley Brick Works.  
 Dorenwends, Limited.  
 Downer Pattern Works, The.  
 Dress Essentials, Limited.  
 Drug Trading Co., Limited.  
 Drury, H. A., Co., Limited.  
 Dunham, C. A., Co., Limited.  
 Dunlop Coal Co., Limited, The.  
 Dunn & Levack, Limited.  
 Dyer Fence & Supply Co., Limited.  
 Eastern Scale Works.  
 Edwards & Edwards.  
 Electrical Machinery Co. of Toronto.  
 Electric Chain Co. of Canada, Limited, The.  
 Elevator Specialty Co., Limited.  
 Empire Clothing Manufacturing Company, The.  
 Erskine, James B.  
 Evans & Gooch.  
 Everall, George, Co., Limited, The.  
 Factory Products, Limited.  
 Fairbairn, R. D., Co., Limited.  
 Fee, John J.  
 Fisken, John, & Company.  
 Fleming Press.  
 Foster-Dack, Limited.  
 Fox, Wm. Claude.  
 Frankel Brothers.  
 Frankel Manufacturing Company.  
 Freyseng Cork Co., Limited.  
 Gelber Bros., Limited.  
 Gilchrist, Jas. T., Lumber Co., Limited.  
 Gilchrist, John C., Lumber Co., Limited.  
 Gold Medal Furniture Mfg. Company.  
 Goldsmiths' Stock Co. of Canada, Limited.  
 Goldstein Jewelry Mfg. Co., Limited, The.  
 Gordon Mackay & Co., Limited.  
 Goulding, G., & Sons.  
 Gourlay, Winter & Leeming, Limited.  
 Gowans, Kent & Co., Limited.  
 Graham's Cafe.  
 Granatstein, M., & Sons of Toronto, Limited.  
 Grand & Toy, Limited.  
 Grant, George W., & Company.  
 Gray Ball Bearing Co., Limited, The.  
 Green Brothers (Interior Woodworkers).  
 Green Parrot Tea Room.  
 Greely, Wm. & J. G.  
 Gregg, G. R., & Co., Limited.  
 Grinnell, T., & Son.  
 Guardian Realty Co. of Canada, Limited.  
 Gundy-Clapperton Co., Limited.  
 Gunther, E. & A. Co., Limited.  
 Halls, Fred. W., Paper Co., Limited.  
 Hamilton, W. B., Shoe Co., Limited.  
 Hamm & Riley Silk Co., Limited.  
 Harris Lithographing Co., Limited, The.  
 Hawthorne, D. D., & Company.  
 Hayhoe, R. B., & Company.  
 Heintzman, Gerhard Co., Limited.  
 Heintzman & Co., Limited.  
 Hendry, Geo. M., Co., Limited, The.  
 Hepburn, John T., Limited.  
 Hertel, John A., Company.  
 Hiscott Dermatological Institute.  
 Hodgson, H.  
 Hogg & Lytle, Limited.  
 Hood-Sandham Company.  
 Hopkins Auto Top Renew Company.  
 Hoyt Metal Company.  
 Hudson-Parker, Limited.  
 Humphrey, F. W.  
 "Hunt" (Confectioner).  
 Hutchison, Alexander & Company.  
 Hynes, W. J., Limited.  
 Ideal Vulcanizing & Tire Company.  
 Imperial Guarantee & Accident Insurance Co. of Canada.  
 Imperial Optical Company.  
 Independent Cordage Co., Limited.  
 Inglis, John Co., Limited.  
 Interlake Tissue Mills Co., Limited.  
 International Varnish Co., Limited.  
 Irving Umbrella Co., Limited, The.  
 Irvin Lumber Co., Limited, The.  
 Italian Mosaic & Marble Co. Canada, Limited.  
 Ivey, John D., Co., Limited.  
 Jacobi, Philip.  
 Japanese Novelty Store.  
 Johnson, J. P., & Son.  
 Johnston, D. J.  
 Johnston, H. B., & Company.  
 Johnston, W. R., & Co., Limited.  
 Jones & Moore Electric Co., Limited.  
 Kendle, J., & Company.  
 Kennedy Hardware Co., Limited, The.  
 Kennedy, J. H.  
 Kent-McClain, Limited.  
 Kerr Brothers.  
 Kinnear, T., & Company.  
 Kleiser, Albert, & Co., Limited.  
 Lake of the Woods Milling Co., Limited.  
 Lake Simcoe Ice Supply Co., Limited, The.  
 Lalor, John M.  
 La Monte, Geo., & Son, Limited.  
 Laura Secord Candy Studio.  
 Lawrason-Doughty Company.  
 Leadlay, E., & Company.  
 Leishman, Wm. H., & Co., Limited.  
 Lester Storage & Cartage Co., Limited, The.  
 Levi's Waste Paper Company.  
 Lewis, W. H.  
 Lister, R. A., & Co. (Canada), Limited.  
 Little Dutch Inn.  
 Lowe Bros., Limited.  
 Lumbers, James, Co., Limited.  
 Luxfer Prism Co., Limited.  
 Lyman Bros. & Co., Limited, The.  
 Lyon & James, Limited.  
 Lytle, T. A., Co., Limited, The.  
 Mabie Todd & Company.  
 Macdonald, John, & Co., Limited.  
 Macdonald & Fytte.  
 Macdougall, A. R., & Co., Limited.  
 Maclure & Langley, Limited.  
 Maldaver & Co., Limited.  
 Malloy & Bryan's Cooperage, Limited.  
 Masco Co., Limited, The.  
 Matthews, A., Limited.  
 Matthews Bros., Limited.  
 Matthews, W. D., & Company.  
 McCann, Wm., Plating Company.  
 McCormack & Carroll.  
 McElroy Manufacturing Co., Limited.  
 McFarlane Manufacturing Company.  
 McGovern, T. J.  
 McIndoe, R. S.  
 McKechnie, John.  
 McKinnon, S. F., & Co., Limited.  
 McKnight, J. H., Construction Co., Limited.  
 McLain, Louis, Co., Limited, The.  
 McLean, E. L., Limited.  
 McLeod, George J., Limited.  
 McLeod, R. G.  
 Melhuish, Arthur E., V. S.  
 Merchants' Clothing Company.  
 Messervy's, Limited.  
 Michie & Co., Limited.  
 Mickle, Dymet & Son.  
 Might Directories, Limited.  
 Miller, Roy.  
 Miller, T. N., & Son.  
 Monteith, George, Fur Company, The.  
 Monypenny Bros. & Company.

## GREETINGS--Continued

- Morrow Cereal Company.  
 Morton, David, & Sons, Limited.  
 Muirhead, A., Co., Limited.  
 Musson, George, & Company.  
 Myers, J. Everard.  
 National Cabinet Company.  
 National Electric Heating Co., Limited.  
 National Mattress Felt & Batting Company.  
 National Trust Co., Limited.  
 Nitro Electric Company.  
 Northway, John, & Son, Limited.  
 Norton Tool & Machine Co., Limited.  
 Ontario Case & Store Fixture Company.  
 Ontario Oil & Turpentine Co., Limited.  
 Ontario Showcase Company.  
 Ontario Soap & Oil Company.  
 O'Reilly, T. E., Limited.  
 O'Torrance & Company.  
 Palmolive Company of Canada, Limited, The.  
 Parsons, C., & Son, Limited.  
 Pascoe's Upstairs Clothes Shop.  
 Patrick, W. G., & Co., Limited.  
 Patterson & Heward.  
 Pendrith, John G., Company.  
 Perrin, Wm. R., Limited.  
 Phillips, W. R., & Company.  
 Pike, D., Co., Limited, The.  
 Policy Holders Mutual Life Insurance Company.  
 Polusterine Products Co. of Canada.  
 Porcelain Products, Limited.  
 Porter, W. A., & Company.  
 Port Hope Sanitary Mfg. Co., Limited.  
 Pott's Pattern Works.  
 Pratt Food Co. of Canada, Limited.  
 Price, Walter Ward.  
 Puddy Bros., Limited.  
 Pugh Specialty Co., Limited.  
 Pullan, E.  
 Queen City Glass Co., Limited.  
 Quinn & Hisey.  
 Radcliff Saw Mfg. Co., Limited.  
 Randall & Johnston, Limited.  
 Rastall Lumber Co., Limited, The.  
 Raw, J. Frank, Limited.  
 Rawlinson, Lionel, Limited.  
 Read Bros., Limited.  
 Regal Paper Box Co., Limited.  
 Reid, A. T., Co., Limited.  
 Reid & Brown Structural Steel & Iron Works, Limited.  
 Reid & Company.  
 Reliable Furniture Co., Limited.  
 Reliance Motor & Tool Co., Limited.  
 Republic Flow Meters Co. of Canada, Limited.  
 Ridout & Strickland, Limited.  
 Ritchie, H. P., & Company.  
 Robertson Bros., Limited.  
 Robins, Limited.  
 Rogers' Electric Co., Limited.  
 Roofers Supply Co., Limited.  
 Rose & O'Hearn.  
 Ross, Fred. H., & Co., Limited.  
 Rudd Paper Box Co., Limited.  
 Russill Hardware Company, The.  
 St. Clair, H. J. Co., Limited.  
 St. Lawrence Underwriters Agency.  
 Salada Tea Co. of Canada, Limited.  
 Sale, Julian, Leather Goods Co., Limited.  
 Salisbury Electric Co., Limited.  
 Samuel, M. & L. Benjamin, & Company.  
 Samuels, J.  
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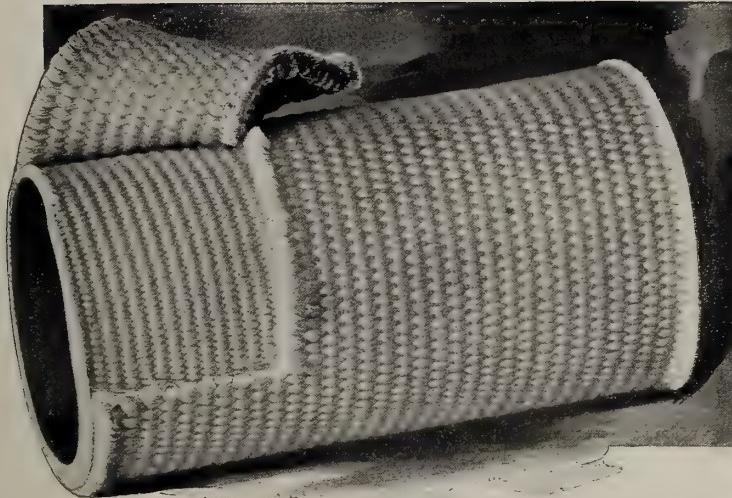
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The men who combat the flames—often jeopardizing their lives to save other lives and property—realize the necessity for reliable fire-fighting equipment. The risk is too great to brook the possibility of delay through tie-ups or breakdowns. Municipalities in

large numbers therefore specify **Dunlop Fire Hose**, because they have learned to place their confidence in its flexibility, its strength, its ability to withstand heavy pressure, and its smooth and unobstructed waterway.

All brands of Dunlop Fire Hose give unexcelled service, but we especially bring to your attention as particularly fine hose "DUNLOP" DOUBLE JACKET and "IMPERIAL" SOLID WOVEN JACKET.

## DUNLOP "CORD" AUTOMOBILE TIRES

with their resiliency, give to a car that buoyancy which adds comfort, lengthens its life and makes for easier steering. The staunch cords, laid side by side and separately wrapped in a protecting coat of high-grade elastic rubber, make a construction tremendously tough and strong. The heavy demand, far in advance of our fondest expectations, tells the story of the service Dunlop "Cord" Tires are delivering to-day.

Distinguished for dependability, speed, endurance and all-round unsurpassed service at low up-keep cost

## DUNLOP SOLID OR PNEUMATIC TRUCK TIRES FOR FIRE APPARATUS

are deservedly popular with Fire Chiefs the country over.



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*Head Office and Factories : Toronto  
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MAKERS OF TIRES FOR ALL PURPOSES  
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# WHEN MINUTES COUNT

Time and again, the valuable aid of the telephone has enabled the fireman to get to the fire without any loss of time. Lives have been saved by his quick arrival, fire prevented from spreading, and loss reduced to a minimum.

The Universal Bell System covering Ontario and Quebec is the fireman's greatest ally.

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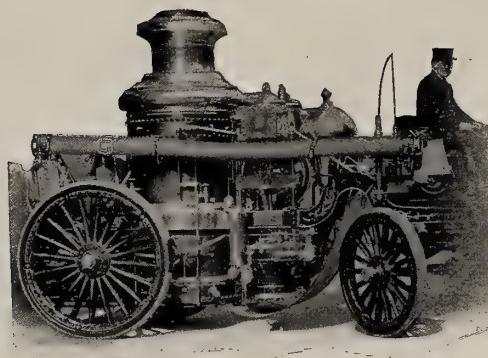
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**T**HAT is the test that proves the worth of Goodyear Fire Hose.

Firemen like using Goodyear Fire Hose because it stands up so well.

Its smooth inner bore is protected by the thick firm walls of the laminated rubber tube which in turn is so treated that it becomes inseparable from the strong outer cotton jacket.

The side-walls prevent kinking and breaking so that *all* the water is delivered at the nozzle.

In performance, Goodyear Fire Hose compares well with Goodyear Solid and Pneumatic Truck Tires.

Goodyear Solid Truck Tires are designed of quality rubber, solid from the base to the broad flat tread, giving ample road contact.

On lighter trucks where speed is the greatest factor, Goodyear Pneumatic Cord Truck Tires are the logical equipment.

The exceeding resiliency of Goodyear Cord Tires lower truck and equipment depreciation, while the tough, diamond shaped rubber blocks of the All-Weather act as a safety device against dangerous skidding.

Help the firemen to prevent dangerous conflagrations by supplying them with Goodyear Fire Hose and equipping the fire trucks with Goodyear Solid Rubber and Goodyear Pneumatic Cord Truck Tires.

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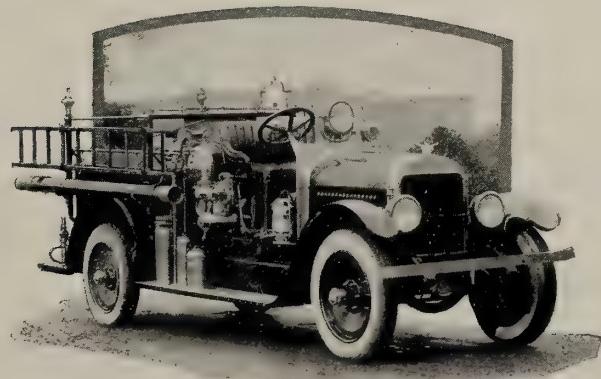
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*"Standardized and Engineered  
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YOU AMPLE AND UNFAIL-  
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**STUTZ FIRE**  
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# “FIRE”

“PUT IT OUT” Toronto Fire Brigade.

“LIGHT IT UP” Charcoal.

*Both quick and sure.*

**CHARCOAL** is the ideal kindler—it never fails—no smoke. Try it for kindling your furnace or kitchen range.

**MERITS** recognized by Canadian Railroads.

**CHARCOAL** has supplanted wood for lighting locomotives.

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For its unfaltering response to duty, its readiness to perform the most gruelling tasks, its sterling reliability under all conditions of road and weather, the MACK Truck has won the approbation of the Chicago Fire Department.

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Combination Chemical and Hose Cars, Hook and Ladder Trucks, Tractors, Hose Wagons, Fire Department Wreckers, Motor Pumping Engines. Full information on request.

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## HEAVY DUTY MOTOR FIRE APPARATUS

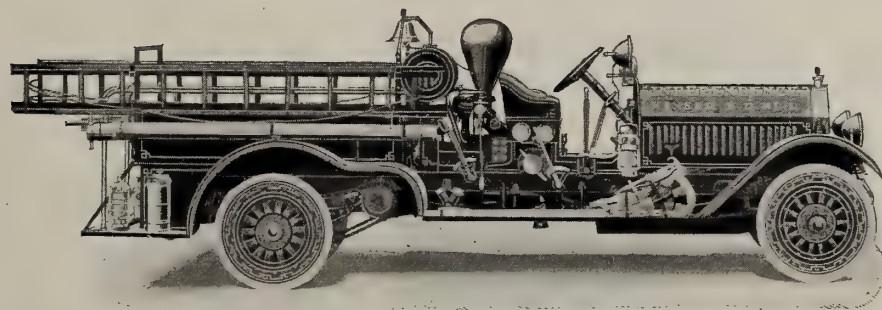
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*Why South Bend Apparatus should be in  
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SILENT CHAIN DRIVE MOST EFFICIENT OF ANY MEANS

*For Transmitting Power*

INSTANTANEOUS ADJUSTMENT OF DRIVE CHAIN CENTERS  
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ACCESSIBLE

SIMPLE

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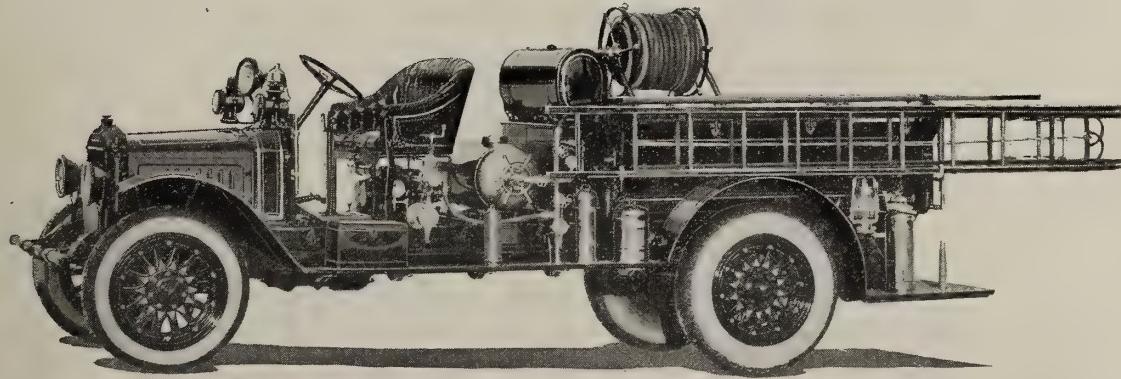
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## NORTHERN EQUIPPED



## STANDARD FIRE TRUCKS

Combination Chemical and Hose

Double and Single Tank equipment

Sizes, 1 ton -  $1\frac{1}{2}$  ton -  $2\frac{1}{2}$  ton

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Triple Combination Chemical and Hose Trucks

Size -  $2\frac{1}{2}$  ton only

Capacities, 300 - 350 - 600 gallons

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City Service Hook and Ladder

Sizes,  $2\frac{1}{2}$  ton -  $3\frac{1}{2}$  ton

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Over five hundred Republic Fire Trucks in service in  
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Republic Standard 350 gal. and 600 gal. Triple Combination  
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## HIGH-GRADE MOTOR FIRE APPARATUS

*Centrifugal Pumping Engines a Specialty*

Come to our exhibit and let  
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Made in the Largest and Brightest  
Factory in Canada, where Quality  
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Absolutely the Finest Pipe the world can  
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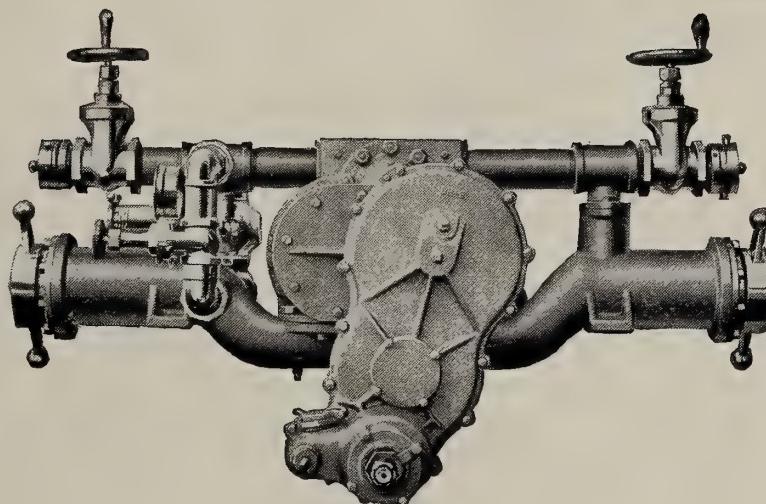
The Supreme Satisfaction in Pipe Smoking

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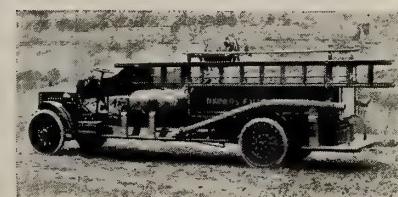
# Northern Rotary Fire Pumps

Will deliver more gallons per minute per horsepower than any other pump



A comparison of guaranteed capacities with horsepowers will prove our statements

## Can be Installed on any Truck



You can purchase Northern Rotary Fire Pumps on new apparatus from your local Commercial Truck Dealer, or pumps complete for installation on chassis you already have in service, from our Canadian Sales Representatives or direct from us. Send for our new pump catalogue which tells why the Northern Rotary will deliver more gallons per horsepower than any other pump.

Our booklet, "Northern Commercial Fire Trucks" tells why so many cities are using Commercial Chassis, Northern equipped, in their Fire Departments. We have reserved a copy for you. Write for it to-day.

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## NORTHERN FIRE APPARATUS CO.

Factory: MINNEAPOLIS, U.S.A. Branch: CLEVELAND

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### FIRE EQUIPMENT LIMITED, MONTREAL

GENERAL SALES OFFICES: EVERY TRUCK DEALER, EVERYWHERE

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PHONE MAIN 707

# A BOX A BLOCK

## The Standard for Fire Alarm Boxes

THREE score years ago the Fire Alarm Telegraph was invented, but it was only during the past few years that it has begun to get the attention that it deserves. Chiefs who formerly asked for three or four boxes a year are now asking for ten and twenty ***and getting them.*** Chiefs who formerly were satisfied if there were a fire alarm box near a school or hospital are now insisting that every school house, every hospital, every theatre and every moving picture house must have a fire alarm box, ***and they are getting them.***

Chiefs have set up A BOX A BLOCK as the standard for fire alarm signalling. They are educating the city officials to the value of fire alarm signalling, and these cities are slowly but surely approaching this standard.

In this work we are glad to help. We are willing at all times to send booklets and circular matter to city officials and anyone else when the chiefs feel they are influential in this matter. Simply ask one of our agents or the home office to work with you and we shall be pleased to give you the co-operation which has been so successful with other chiefs. This same whole-hearted co-operation is also available to assist chiefs who now have no systems to get one.

—  
**The Gamewell Fire Alarm Telegraph Company**  
NEWTON UPPER FALLS, MASS.

Compliments of

# Columbia Graphophone Company, Limited

54 Wellington Street West  
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The London Mutual Fire  
Insurance Co. of Canada

33 SCOTT STREET  
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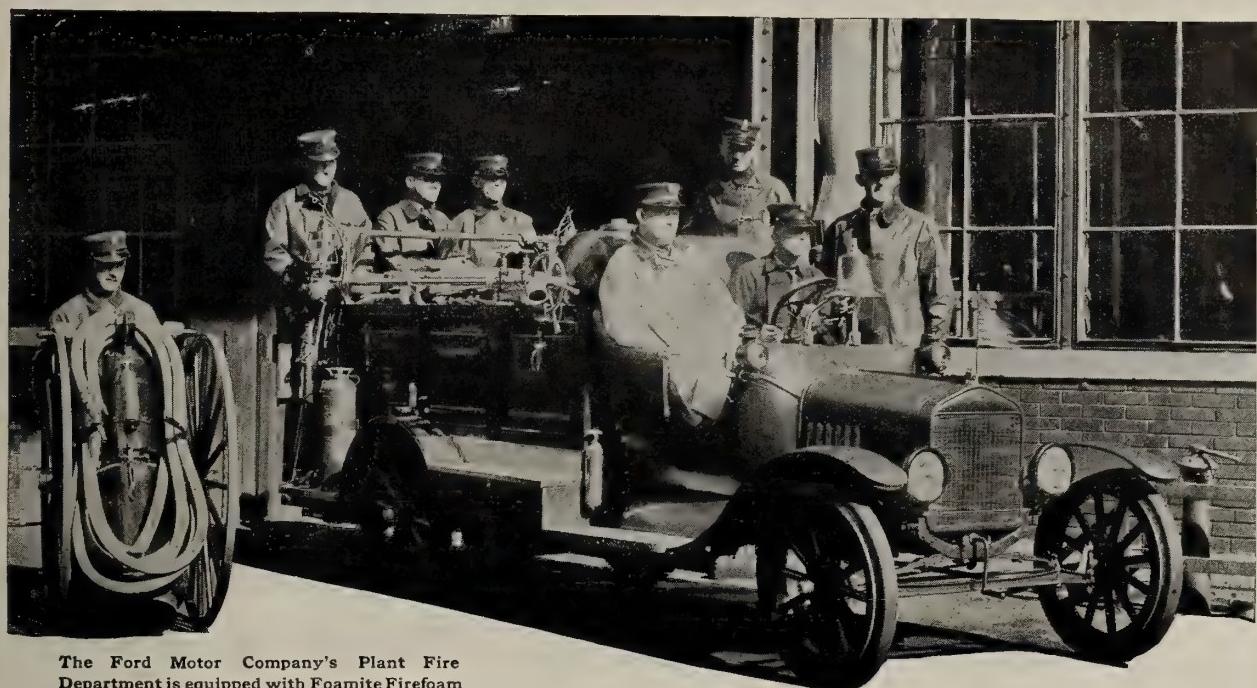
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WHOLESALE LUMBER

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Branch Yard at Dundas Street and  
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The Ford Motor Company's Plant Fire Department is equipped with Foamite Firefoam

## Your Problem

THE last ten years has seen an enormous increase in the use of inflammable materials in every industry, in every town and city.

Danger spots—oils, paints, varnishes, chemicals—have called for a new invention for fighting fires—*Foamite Firefoam*.

Firefoam is a fire-smothering, fire-extinguishing foam which covers all burning objects like a blanket. It puts out fire quicker than other extinguishing agents, and *prevents re-ignition*. It coats and clings to all surfaces, and floats on even the most inflammable liquids. It is effective against every kind of fire. Unlike water, it does not damage.

The Foamite Firefoam Company will be glad to arrange fire-fighting demonstrations at any

time during the convention. Such demonstrations will show you the efficiency and quick action of Firefoam on every type of fire. They will convince you that Firefoam has a place in your permanent fire department equipment.

Firefoam is rapidly revolutionizing fire-fighting. It masters every kind of fire—even blazing oil. It makes fire-fighting easier and reduces the risk to life and limb which attends almost every big fire. Have you recommended Firefoam on the extra hazardous risks within your jurisdiction?

Do you want to know about this new fire-fighting agent? Firemen who have seen Firefoam in action have said: "At last here is something real".

### FOAMITE FIREFOAM COMPANY, 200 FIFTH AVE., NEW YORK CITY

The following sales companies are at your service

**NEW YORK CITY:** 200 Fifth Ave.  
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Foamite Firefoam Company

**CHICAGO, ILL.:** 764 Conway Bldg.  
Foamite Engineering Company

**CLEVELAND, O.:** 6th St. Clair Ave. W. **PITTSBURGH, PA.:** 105 Wooster St.  
Firefoam Service and Supply Co. Firefoam Sales Company

**DENVER, COLO.:** Tramway Bldg. **SAN FRANCISCO, CAL.:** Mills Bldg.  
Rocky Mountain Firefoam Co. Pacific Foamite Firefoam Co.

**KANSAS CITY, MO.:** 1012 Baltimore Ave. **HAMILTON, CANADA:**  
Foamite Firefoam Company Canadian Foamite Firefoam Co

**PHILADELPHIA, PA.:** 112-116 North Broad Street **LONDON, E. C., ENGLAND:**  
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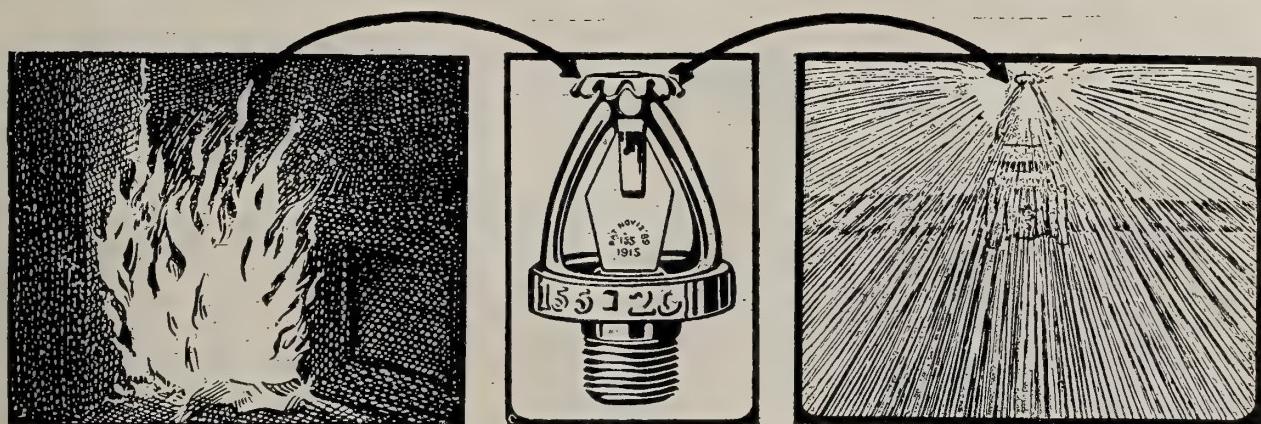
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Toronto Safe Works  
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Compliments of

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LIMITED**

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The Fire

The Grinnell  
Automatic Sprinkler HeadThe Grinnell Head  
in Action

# When the Fire Starts— the Water Starts! and the Fire Goes Out

That's the story in a nutshell  
of the Grinnell Sprinkler Head.

With Grinnell Automatic Sprinkler Protection this is just what happens. A series of distributing pipes carry water to every nook and corner of the building. Every ten feet is a heat operated sprinkler head which holds back the water. When the fire starts, the heat starts. When the heat starts, the water starts. When the water starts, the fire goes out!

It is a one, two, three and out proposition. In just this order fires are putting themselves out every day and have been doing so for thirty-five years, until now over 30,000 officially reported successes are recorded.

The Grinnell Automatic Sprinkler System has for more than a quarter of a century been recognized as the greatest of fire protection agencies. Over forty million sprinkler heads have already been installed. They safeguard property valued at over five billions of dollars. So great is their efficiency in finding fire and putting it out without any human aid, that the insurance companies are able to reduce premium rates 40 to 90 per cent. wherever sprinkler systems are installed. Our estimates and proposals are free. Ask for them.



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Complete Engineering and Construction Service on Automatic Sprinklers  
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**After the day's work--[ ]**

[ ] **freshen up with Lifebuoy**

It makes a wash up after a day's work a refreshing delight. Its pure velvety lather means absolute cleanliness—its antiseptic qualities help the quick healing of cuts and bruises you may get while on duty. Besides being cleansing and soothing, Lifebuoy is a sure disinfectant. The mild carbolic agent present means no germs—and the odor vanishes in a few seconds.

Lifebuoy Health Soap means a clean healthy skin—and every man wants that.

All Grocers sell Lifebuoy

# LIFE BUOY HEALTH SOAP

Compliments of

**WILSON & CANHAM  
Limited**

Wool, Hides, Etc.

36 Wellington Street East  
TORONTO

Compliments of

**F. P. WEAVER COAL  
Co., Limited**

Royal Bank Building  
TORONTO

# THE NEPTUNE METER COMPANY, LIMITED

Send their Heartiest Greetings  
to the Great Fire Fighters  
of the World

May your Visit  
to Toronto  
be a  
Pleasant  
and  
Beneficial One

W. H. RANDALL  
Managing Director

GENERAL OFFICES AND FACTORY AT

1195 King Street West, Toronto

Compliments of  
**Eagle Star and British Dominions  
 Insurance Company, Limited**  
 of London, England

Head Office for Canada      Toronto

# Norwich Union

FIRE INSURANCE  
 SOCIETY LIMITED

Norwich, England

Fire Insurance

Accident and Sickness  
 Employers' Liability

Plate Glass  
 Automobile Insurance

Head Office for Canada:  
 NORWICH UNION BUILDING

12-14 Wellington St. E., Toronto

"MOORE" SERVICE COSTS NO MORE

When in need of  
**Drugs  
 Toilet Goods  
 Candy, etc.**

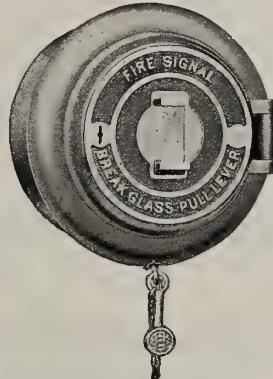
visit one of our seven stores

**MOORE'S LIMITED**  
 Dependable Druggists

NOON-DAY LUNCHES and AFTERNOON  
 TEAS served at our Soda Fountain and Palm Room  
 at Main Store, 278 Yonge Street.

*Holtzer-Cabot*

# FIRE ALARM SYSTEMS



Fire Alarm  
Systems

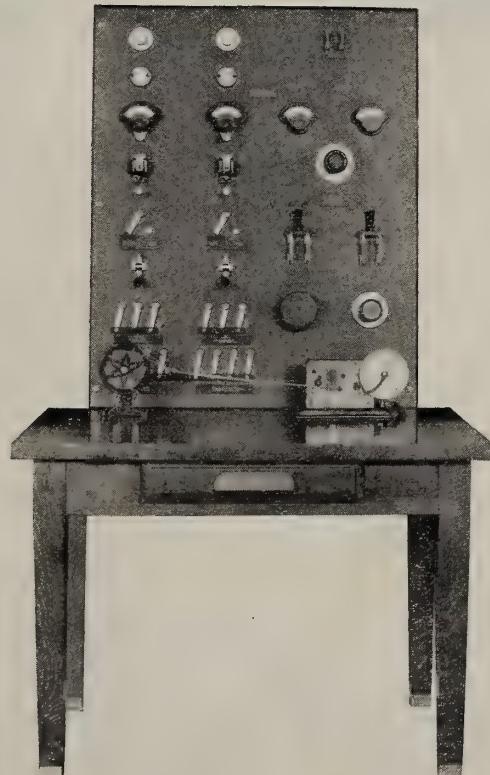
Watchman's  
Report Systems

Sprinkler Super-  
visory Systems  
for Industrial  
Plants, Hospitals,  
Hotels, Schools,  
Public Buildings

The Holtzer-Cabot  
Electric Company

125 AMORY STREET  
BOSTON MASS.

New York Chicago Baltimore





of London, England

**Canadian Branch**  
**14 Richmond St. East**  
**Toronto**

**Alfred Wright**  
Manager

**A. E. Blogg**  
Branch Secretary

**FIRE  
and  
AUTOMOBILE  
INSURANCE**

**Security \$46,500,000**

Compliments  
of

**Dominion  
Fire Insurance  
Company**

20 Victoria Street  
Toronto

1792 1920  
**CONSIDER 3 POINTS**  
Before Placing Insurance

**1 RESPONSIBILITY**

The company has accumulated resources far beyond all the requirements of state laws—as trustee of your clients' interest you will do well to consider the character and resources of the company with which you do business.

**2 SERVICE**

Our efforts are directed toward keeping this company active, progressive and in the fullest sense a modern institution. Special departments are maintained for advice to the agent, broker and the assured. We can assist you in the solution of your problems.

**3 AGE**

The company is now in its 129th year of successful business. It has paid every loss with equity and dispatch creating as little disturbance as possible to the business world.

**Insurance Company of North America**  
PHILADELPHIA

Canada General Agents:  
Robert Hampson & Son Limited, Montreal, Canada

**The Oldest American Stock Insurance Company**

**FIRE AUTOMOBILE MARINE**

Explosion, Riot and Civil Commotion, Tornado, Use and Occupancy,  
Builder's Risk, Leasehold, Rent, Parcel Post, Registered Mail,  
Sprinkler Leakage, Salesman's Floater, Baggage, Transit, Theatrical,  
Horse and Waggon, War Risk (Marine), Cotton (Marine).



## NO SHEATHING TROUBLES SINCE 1913

**F**IREFBOAT, Engine 31, of the Boston Fire Department is habitually moored in the northern part of Boston harbor, where in addition to salt water corrosion, her hull is constantly exposed to gas house waste.

For a long time chemical and electrolytic action made it almost impossible to keep the copper sheathing fast to the hull.

But in 1913 Monel metal nails were used. Since then **no** trouble has been experienced—and the only repairs called for have been where the copper itself yielded to corrosion. The Monel nails are in as good condition to-day as they were seven years ago.

Monel metal is practically proof against salt water corrosion—its use in pump rods, turbines, screens, bolts—especially when subject to stress and vibration—is recommended by the success of extensive and severe usage.

**INCo**  
**MONEL metal**

The name Monel Metal is given to a line of metal products developed from a natural alloy—67% nickel, 28% copper, and 5% other metals. These products include Monel Metal rods, Monel castings, Monel strip stock, Monel sheets, etc. Monel Metal may solve your difficulties—our Technical or Sales Department will gladly cooperate with you.

The International Nickel Company of Canada, Ltd.

HARBOUR COMMISSION BUILDING  
TORONTO, ONT.



Compliments to the Great Fire Fighters from  
**PORTER & COMPANY**  
 Electrical Contractors  
 and Telephone Experts

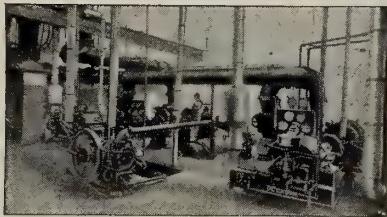
2 Toronto Street  
 Toronto

Phone Main 482

Nights and Holidays, Kenwood 1955

## Effective Fire Protection

Combined  
with  
Efficient  
Water  
Supply



Each of the De Laval Geared-Steam-Turbine-driven Centrifugal Pumping Units shown in the photograph regularly delivers 6,000,000 gals. per day against 272 ft. head in domestic supply service, but at increased speed develops a fire pressure of 343 ft.

The duties developed by De Laval turbine driven centrifugal pumps compare favorably with those shown by the best triple-expansion engines when the latter are in first-class condition and are less subject to falling off, as there is no slippage past valves and plungers in the centrifugal pump and there is no complicated steam valve gear requiring adjustment in the turbine.

The cost of pumping is much less with the De Laval units because of the greatly reduced fixed charges, following from the much smaller first cost and lessened cost for buildings and foundations, also from the lessened expense for attendance and supplies.

Ask for our new Pump Catalog B-78

De Laval Steam Turbine Co., Trenton, N.J.  
 Turbine Equipment Co., Ltd., 73 King St. W., Toronto  
 The E. Laurie Company, 243 Bleury St., Montreal, Que.

131

## PROTECT

Your property and trade  
against Fire and Burglary

### A. D. T. System

Central Station Protection Services

114 Offices      25,000 Subscribers

### AMERICAN DISTRICT TELEGRAPH COMPANY

Executive Offices  
 30 Church Street, New York

# The Spirit of the Service

Prompt and immediate attention, reliability, honesty, endurance—these are the qualities that build up the "Spirit of the Service."

Fire Fighters everywhere recognize the merits of Imperial products and the spirit of Imperial Service. Imperial qualities have been tested and tried by sagacious Fire Chiefs and endorsed by them.



—is a straight, distilled, all-refinery gasoline that vaporizes to the last drop and utilizes every ounce of power. It has a complete chain of boiling points that assure easy starting, smooth acceleration and maximum power under all operating temperatures. It gives "*more miles per gallon.*"



—is refined from the best selected crudes and graded to meet every lubricating requirement. It spreads a uniform film of oil over every wearing surface and maintains a perfect piston-ring seal that does not break down under highest engine heat. It gives full compression, smooth acceleration and maximum power. Enhances the efficiency and lengthens the life of your motor—"makes a good car better."

## IMPERIAL OIL LIMITED

Power—Heat—Light—Lubrication

BRANCHES IN ALL CITIES



## PRICE IS NOT EVERYTHING

YOU may be told that you can buy overalls to equal Carhartt's at a lower price. But you can't. No one can. The fine quality of Carhartt Overalls, and the fair price at which they are sold, are due to my enormous output—probably the largest on the continent—which enables me to do with a smaller profit.

How then can any manufacturer doing a smaller business, with less efficient methods and fewer opportunities of cutting expense, hope to give as much value as Carhartts for less money?

Be assured of this: that if it were possible to offer you the present quality of Carhartt Overalls at a lower price, I would be the first to do it.

*Hamilton Carhartt*  
President

HAMILTON CARHARTT COTTON MILLS  
Limited

TORONTO—MONTREAL—WINNIPEG—VANCOUVER

Manufacturers of Carhartt Overalls, and Carhartt  
Allcovers for Men and Boys; also Carhartt Work Gloves

Compliments

of

Crown Tailoring  
Co., Limited

TORONTO

Makers of Fine Clothes  
for Men

J. A. McLaren Company

LIMITED

30 Front Street West, Toronto

Wholesale Distributors;

BOOTS AND SHOES AND RUBBERS.

"IMPERIAL" FINE SHOES  
"MAPLE LEAF" HEAVY SHOES

"LITTLE CANADIAN" FINE SHOES FOR  
CHILDREN

"INDEPENDENT" RUBBERS

FIRE!



FIRE!

# Do Not Delay Reaching The Fire USE EN-AR-CO PRODUCTS

They ensure maximum Power—

## EN-AR-CO MOTOR OIL

Refined scientifically to remove clogging residue, it cushions the moving parts of your engine with a soft, velvety film, that prevents friction and increases your engine's power.

## WHITE ROSE GASOLINE

A pure, dry, uniform gasoline that has made a wonderful record for dependability, power and extra energy. Puts "pep" into your engine.

## EN-AR-CO MOTOR GREASE

For differentials, gears and transmissions alike. The product of a half century of refining experience.

En-ar-co Products are used and strongly recommended by the leading Fire Chiefs throughout Canada.

MANUFACTURED BY

# CANADIAN OIL COMPANIES, LIMITED

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HEAD OFFICE : Cor. Yonge and Front Streets, TORONTO, ONT.  
FACTORY : DESERONTO, ONT.

COMPLIMENTS

of

## Feldspar Quarries

LIMITED

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QUARRIES

VERONA, ONT.

HEAD OFFICE

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## Shirriff's Orange Marmalade

A PPEALING---with the delightful tang of sun-ripened selected Seville oranges---Shirriff's marmalade is a relish appreciated by everyone.

Nature provides the Shirriff flavor. The enticing tartness of the bitter-sweet fruit is preserved and delicately rounded out by pure granulated sugar.

Shirriff's is pure. Shirriff's is good.  
Phone your Grocer.

**SKF****SKF**

## TO THE VISITING FIRE CHIEFS

THE undersigned company wishes to take this opportunity as citizens of Toronto to extend to you our best wishes that your convention will be the occasion of a very enjoyable and profitable stay in our midst.

You are cordially invited to visit our show rooms and exhibits of Hess Bright and **SKF** bearings. (Of course you are aware that Hess Bright Ball Bearings are used almost exclusively in the heavy high powered fire trucks).

CANADIAN **SKF** COMPANY LIMITED  
TORONTO AND MONTREAL

**SKF****SKF**

Compliments  
of  
**W. J. GAGE COMPANY, LIMITED**

Publishers, Manufacturing Stationers and Envelope Makers

84 SPADINA AVENUE  
TORONTO

COMPLIMENTS OF  
THE  
**Toronto Plate Glass  
Importing Co., Ltd.**  
TORONTO, ONTARIO

Compliments of  
**DOMINION  
SECURITIES  
CORPORATION**

Toronto

"The largest Fire Insurance Company on the Continent"

---

ELBRIDGE G. SNOW, President

# THE HOME INSURANCE COMPANY NEW YORK

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AUTHORIZED, SUBSCRIBED AND PAID-UP  
CAPITAL - \$6,000,000.00

\$2,030,400 Par Value of Canadian Securities on Deposit  
with Dominion Government at Ottawa

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AIRCRAFT            AUTOMOBILE (Full cover)

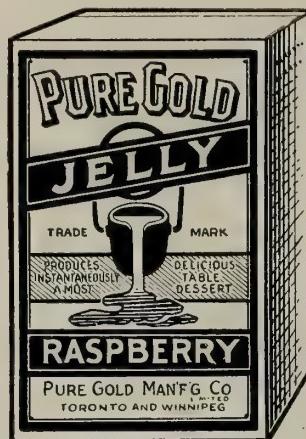
FIRE                  HAIL

SPRINKLER LEAKAGE      WINDSTORM

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Prompt and Equitable Adjustment and Payment of  
Loss Claims

RASPBERRY  
STRAWBERRY  
CHERRY  
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ORANGE  
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PURE GOLD MANUFACTURING CO.  
TORONTO AND WINNIPEG

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## RENNIE'S SEED STORE

Write for copy of  
RENNIE'S CATALOGUE  
FOR 1920

WM. RENNIE CO.  
Limited  
KING AND MARKET STREETS  
(Near St. Lawrence Market)  
TORONTO

The Fire in Burns

is quickly dispelled by

DR. THOMAS'  
Electric Oil

AND IT IS GOOD FOR

all the Minor Ailments of  
MAN OR BEAST

With compliments of

**A. R. CLARKE & CO. Ltd.**

Largest Manufacturers of

**PATENT LEATHER**

in the British Empire

Also Manufacturers of

Gloves                      Mitts

Moccasins

Shirts and Clothing

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633-661 Eastern Avenue

Toronto, Ontario

# British America Assurance Co.

Incorporated A.D. 1833

HEAD OFFICE

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(Fire, Marine, Hail and Automobile)

Assets	over \$4,300,000.00
Losses Paid Since Organization	over \$47,500,000.00

W. B. MEIKLE, President and General Manager

E. F. GARROW, Secretary

EVERYTHING GOOD  
TO EAT AT THE

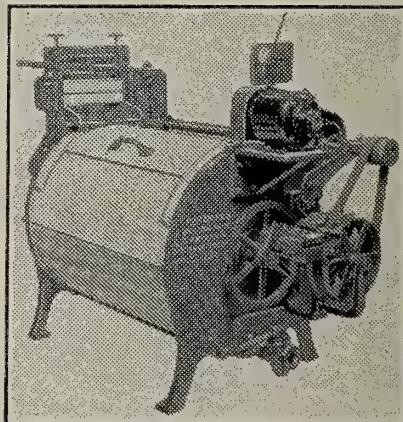
House of  
the Epicure



R. Barron Limited

724-728 Yonge Street  
Importers and Grocers

W.H.S. Washing Machine



SINGLE BELT REVERSE MOVEMENT

Patented—Canada, United States, Great Britain  
Inventor—W. H. SUMBLING

The first Successful Washer in small compass  
that will do both Commercial and Domestic  
Work efficiently and promptly

W. H. Sumbling Machinery Co.

7-15 ST. MARY STREET, TORONTO

Manufacturers of  
Laundry Machinery and Standard Grinding Machinery with our  
Patented Safety First Adjustable Guard and Tool Rest Combined

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# ALLEN THEATRE ENTERPRISES

Directors:

JULE and J. J. ALLEN

"There's an Allen Theatre  
in your neighborhood"

HOBBERLIN QUALITY TAILORING



Style A16

## FIREMAN'S UNIFORMS

Police, Band, Civic, Railway  
and other Uniforms. Also  
Made-to-Measure  
SUITS and OVERCOATS

1200 Agents Throughout Canada

THE HOUSE OF  
**HOBBERLIN**  
LIMITED

Toronto

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## F.N. Burt Company

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BUFFALO

Paper Boxes  
Sales Books  
Shipping Tags

Compliments

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Monarch Brass Manufacturing  
Co., Ltd.

Brown and Janet Avenues  
TORONTO

# Telephones for Any Service

For the Home, the Factory  
the Office or the Farm



MADE  
IN  
CANADA



Installation and Repair of Private Inside Systems a Specialty

Canadian Independent Telephone Company

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263 ADELAIDE STREET WEST, TORONTO

## Automatic Fire Alarm Systems

Ontario May-Oatway Fire Alarms, Limited

263 Adelaide Street West  
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## T. Tomlinson & Son

IRON FOUNDERS

9-11 Frederick Street - Toronto

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# SALVAGE COVERS

For immediate delivery

Stock sizes from 8'x12' to 30'x40'

Made from water and mildewproof

## "GALBADUK" FABRIC

*Full information and  
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## WOODS MFG. CO., Limited

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MONTREAL

WINNIPEG

## New Method Laundry

THE REAL WHITE WAY

THIS Laundry Service includes all minor repairs — such as sewing on of buttons, darning of hosiery, underwear, shirts, etc. Free of charge. You'll find it a great convenience. "We Know How."

Telephone Main 7486

Compliments of

## INGRAM & BELL Limited

Physicians' Supplies

256 McCaul Street  
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One door below College Street

GREETINGS  
TO THE  
**Visiting Fire Chiefs**  
FROM  
**The Art Metropole**  
14 Temperance Street  
Toronto



## BOECKH'S Rubberset Shaving Brushes

Give long and satisfactory wear owing to the perfect construction and extra quality materials.

They produce a good lather without irritating the skin.

SOLD BY LEADING DEALERS



Greetings to the  
**VISITING FIRE CHIEFS**  
from  
**S. McCord & Co.**  
LIMITED

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## Solid Bronze Memorial Tablets and Honor Rolls



Write us for designs and prices

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Architectural Bronze Department  
560 King Street West, Toronto

"Old and Tried"



Born 1849

FIRE  
LIGHTNING  
MARINE  
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RIOT  
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EXPLOSION  
TORNADO  
REGISTERED MAIL  
SPRINKLER LEAKAGE  
PROFIT  
USE AND OCCUPANCY  
RENTS  
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There are many Insurance Companies but only ONE



E. W. WEST, President      H. N. DICKINSON, Vice-Pres.  
F. M. SMALLEY, Secretary      R. C. CARTER, Treasurer  
Assistant Secretaries  
F. L. COWLES      H. W. KNIGHT      J. A. MAVON

## Waterloo Mutual Fire Insurance Company

ESTABLISHED 1863

Head Office - Waterloo, Ontario

Assets	-	over \$1,000,000.00
Insurance in force	"	44,000,000.00
Government Deposit	-	50,000.00

Policies issued on Cash or Mutual Systems

T. S. MINTON

Confederation Life Building

General Agent for Toronto

Geo. Diebel, President - L. W. Shuh, Manager

## The Obenchain-Boyer Company

Manufacturers of equipment for any make of chassis.

Also manufacturers of hand pulled apparatus.

Logansport  
Indiana - U.S.A.

Greetings to the

VISITING FIRE CHIEFS

from

Adams Furniture Co.  
Limited

26 Queen Street West  
TORONTO

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City be a pleasant one

# Reg. N. Boxer Company

Limited

Manufacturers and Exporters of  
High-Grade Paper Hangings

A Complete Selection of  
Wall Papers in All Grades.  
Entirely New Patterns Every  
Year of Distinctive Style and  
Decorative Individuality

HEAD OFFICES : FOY BUILDING  
TORONTO, CANADA

Factory; New Toronto  
Branches: Montreal, Winnipeg and Vancouver

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from

# Jos. Landreville & Sons

Manufacturers of  
MACHINE MADE BARRELS  
KEGS, TANKS, ETC.

PHONE ADEL. 528

129-133 Tecumseth Street  
TORONTO

COMPLIMENTS OF

# Hartshorn Stewart Company

Manufacturers of

SPRING SHADE ROLLERS

54 River Street  
Toronto

# Chief!

When you invite bids for

# FIRE HOSE

please remember that we  
have been making it suc-  
cessfully for 35 years.

N. J. Car Spring & Rubber Co. Inc.  
JERSEY CITY, N.J.  
Established 1858

Greetings to the Fire Chiefs

From

# The Bennett & Wright Company Limited

Contractors For

"THE MANUFACTURERS"  
AUTOMATIC SPRINKLER

FIRE PROTECTION SUPPLIES

72 Queen St. East, Toronto

Compliments of

# BROWN BROS.

LIMITED

WHOLESALE AND  
MANUFACTURING  
. . STATIONERS . .

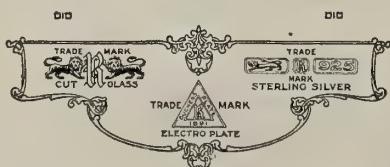
100 Simcoe Street  
TORONTO

*Gifts that Endure.*

Sterling Silverware  
Duchess Silver Plated-ware  
Rich Cut Glass

Manufactured by  
**RODEN BROS., LIMITED**

Established 1891



The Piano  
Record  
is a Critical Test



TO reproduce the music of a piano is one of the severest tasks you can put to a phonograph. The result is usually tinkly and weak. Insist on hearing a piano record as well as the others before you buy.

THE INSTRUMENT OF QUALITY  
**Sonora**  
CLEAR AS A BELL

The "Highest Class Talking Machine in the World" welcomes this test because it demonstrates the greater beauty of the Sonora, which renders all vocal and instrumental selections with matchless beauty and faithfulness.

Playing all makes of disc records perfectly without extra attachments, the Sonora, clear, true and expressive, is the instrument you are proud to possess.

Nearly all Sonora Models are Made in Canada  
**I. MONTAGNES & COMPANY**  
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Compliments of

**P. W. ELLIS & CO.**  
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Wholesale Jewelers

31 Wellington Street East  
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Compliments of

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BOX MANUFACTURERS

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Compliments of

**Union Insurance Society**  
of Canton, Limited

Head Office for Canada

36 Toronto Street  
Toronto

Branches throughout the World

Compliments of

**J. A. Sword Neckwear Co.**  
Limited

489 COLLEGE STREET  
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Compliments of

**WHEELER & BAIN**  
SHEET METAL WORKERS

179 King Street East  
TORONTO

# OAK HALL

*Toronto's Most Exclusive  
Clothiers and Furnishers*

COR. YONGE AND ADELAIDE STREETS

Men who wear Oak Hall Clothing are so well pleased with the exceptional style, quality and perfect satisfaction our clothes give that they tell their friends—hence one friend brings another to our store.

This is the assurance we have that our clothes and our prices are right.

We cordially invite you and your friends, while in the city, to visit our store, and we will be most pleased to show you our latest models in Men's, Boys' and Children's wear—at **right prices**.

If your furnishings stock needs replenishing, we have a most complete and beautiful stock of Furnishings from which to select.

# OAK HALL

COR. YONGE AND ADELAIDE STREETS

COMPLIMENTS OF

The S. S. White Co. of Canada  
LIMITED

## DENTAL SUPPLIES

489 College Street  
TORONTO



Gill Piston Rings increase power, decrease fuel consumption, prevent smoking, and lessens carbon troubles

Manufactured by

Brown Engineering Corporation, Limited  
419 King Street West, Toronto

Compliments of

THE

# EXCELSIOR PLATE GLASS COMPANY LIMITED

189 Queen Street East  
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Compliments of

Guide Motor Mfg. Co.

105 SHERBOURNE STREET  
TORONTO

Compliments of

Walter Dean Canoe and  
Boat Co. Limited

FOOT OF YORK STREET  
TORONTO

With the Compliments of

**Peerless Silver Company**

**SILVERSMITHS AND  
ELECTRO - PLATERS**

456 Richmond Street West  
Toronto

Compliments of

**ORSINY  
CONSTRUCTION  
CO. Limited**

Office: 24 Adelaide St. East  
Yard: 1453 Dufferin St.

**Hardware Company of Toronto**  
46 Adelaide Street West

Builders' Hardware, Tools and Supplies  
Paints — Oils — Brushes

Main 94, 95, and 3585

Compliments of

**Sangamo Electric Co.  
of Canada, Limited**

183 GEORGE STREET  
TORONTO

Compliments of

**The A. D. Shoup Company  
Limited**

MANUFACTURERS OF

**PAPER BOXES**

The Largest Manufacturers of Chewing Gum Boxes  
in the British Empire

TORONTO

ESTABLISHED 1837

**Andrew J. Morse & Son, Inc.**  
221 High Street, Boston, Mass.

Manufacturers of  
**INVINCIBLE NOZZLES AND  
FIRE DEPARTMENT SUPPLIES**

# Dale Wax Figure Co.

Limited

86 York Street  
TORONTO



CANADA'S  
LEADING  
DISPLAY  
FIXTURE  
HOUSE

Manufacturers  
of

High Grade  
Wax Figures  
and Display  
Forms and  
Fixtures of  
All Kinds

WITH THE  
COMPLIMENTS OF

# Percy A. Breakey

THE USED CAR  
DEALER

402 Yonge Street  
AND  
9-11 Buchanan Street  
ALSO AT  
44-46 Carlton Street  
TORONTO

THE

# WM. LAKING LUMBER COMPANY

Canadian Hardwoods a Specialty

677 Queen Street East  
Toronto

Gerrard 2344

# HENNESSEY'S DRUG STORE

87 Yonge Street

"WHERE QUALITY REIGNS SUPREME"

The Highest Grade Toilet Articles combined with other up-to-date Drug Store Departments. Candies, Cut Flowers, Photographic Supplies, Tobaccos and excellent Soda Fountain Service.

With the compliments

of

Riddell, Stead, Graham & Hutchison

Chartered Accountants

Toronto

The Walker Parker Co., Ltd.  
TORONTO



The most  
progressive Shoe  
Manufacture in  
Canada

Compliments of

# A. A. Allan & Co. Limited

Manufacturers  
of the

**"ALLANDALE"**  
**UNIFORM CAP**  
**FOR FIREMEN**



51 BAY STREET, TORONTO

### COMMERCIAL UNION ASSURANCE

Company, Limited, of London, England

Capital Fully Subscribed - - -	\$14,750,000
Capital Paid Up - - -	4,425,000
Total Annual Income Exceeds - -	64,000,000
Total Funds Exceed - - -	174,000,000

(As at 31st December, 1918)

Head Office Canadian Branch:

Commercial Union Building - Montreal  
W. S. JOPLING, Manager

Toronto Office - - 49 Wellington Street East  
GEO. R. HARGRAFT,  
General Agent for Toronto and County of York

Compliments of

# Miller Mfg. Co. Limited

and

# Miller Men's Wear, Limited

44-48 York Street

TORONTO CANADA

### Palatine Insurance Company

OF LONDON, ENGLAND Limited  
(As at 31st December, 1918)

Capital Fully Paid - - -	\$1,000,000
Total Income - - -	3,462,515
Total Funds - - -	6,062,500

N.B.—In addition to the above there is the further guarantee of the Commercial Union Assurance Company Limited, whose funds exceed \$174,000,000

Head Office Canadian Branch

Commercial Union Building, Montreal  
W. S. Jopling, Manager

TORONTO - - 60 KING STREET WEST  
Jones & Proctor Brothers Limited, General Agents

Compliments of

# T. H. HANCOCK

1372 Bloor St. W.

LUMBER and MILLWORK

# Allatt Machine & Tool Co.

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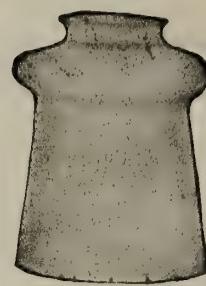
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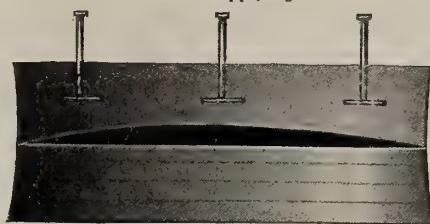
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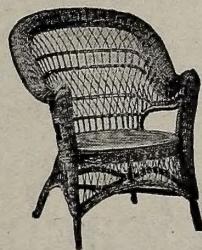
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